

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
 Data File : BF135904.D
 Acq On : 20 Oct 2023 12:56
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023

Quant Time: Oct 20 14:07:50 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	6.733	152	98486	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	362745	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	150392	20.000	ng	-0.01
64) Phenanthrene-d10	11.268	188	300698	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	186584	20.000	ng	-0.01
86) Perylene-d12	15.409	264	151334	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	520549	84.978	ng	0.00
7) Phenol-d6	6.398	99	578472	75.685	ng	0.00
23) Nitrobenzene-d5	7.310	82	549130	83.259	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	129080	89.444	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	900282	93.595	ng	0.00
79) Terphenyl-d14	12.868	244	934718	92.774	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.428	88	149112	50.466	ng	100
3) Pyridine	3.175	79	257700	35.547	ng	98
4) n-Nitrosodimethylamine	3.157	42	147069	37.723	ng	95
6) Aniline	6.410	93	364725	37.919	ng	# 70
8) 2-Chlorophenol	6.528	128	257508	38.982	ng	99
9) Benzaldehyde	6.298	77	162580	37.373	ng	99
10) Phenol	6.410	94	307723	38.424	ng	99
11) bis(2-Chloroethyl)ether	6.481	93	244770	37.931	ng	99
12) 1,3-Dichlorobenzene	6.675	146	264957	39.564	ng	98
13) 1,4-Dichlorobenzene	6.751	146	263419	38.829	ng	100
14) 1,2-Dichlorobenzene	6.904	146	237634	38.903	ng	99
15) Benzyl Alcohol	6.892	79	205414	40.420	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.016	45	422012	36.160	ng	90
17) 2-Methylphenol	7.010	107	217437	38.023	ng	96
18) Hexachloroethane	7.233	117	96181	39.102	ng	95
19) n-Nitroso-di-n-propyla...	7.157	70	174177	36.856	ng	98
20) 3+4-Methylphenols	7.163	107	271242	38.048	ng	92
22) Acetophenone	7.157	105	342713	41.195	ng	# 97
24) Nitrobenzene	7.328	77	273460	41.312	ng	99
25) Isophorone	7.563	82	500938	40.259	ng	99
26) 2-Nitrophenol	7.639	139	134619	41.673	ng	96
27) 2,4-Dimethylphenol	7.686	122	220448	41.454	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	301922	40.745	ng	99
29) 2,4-Dichlorophenol	7.886	162	209504	42.039	ng	96
30) 1,2,4-Trichlorobenzene	7.957	180	215238	42.227	ng	99
31) Naphthalene	8.039	128	726768	41.076	ng	99
32) Benzoic acid	7.851	122	160183m	44.499	ng	
33) 4-Chloroaniline	8.098	127	316798	40.989	ng	99
34) Hexachlorobutadiene	8.145	225	128963	42.745	ng	100
35) Caprolactam	8.492	113	66387m	38.967	ng	
36) 4-Chloro-3-methylphenol	8.592	107	228660	41.374	ng	98
37) 2-Methylnaphthalene	8.727	142	484240	41.540	ng	100
38) 1-Methylnaphthalene	8.827	142	445475	41.433	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	222588	51.452	ng	99
41) Hexachlorocyclopentadiene	8.874	237	19025	40.024	ng	96
43) 2,4,6-Trichlorophenol	9.022	196	140355	50.347	ng	97

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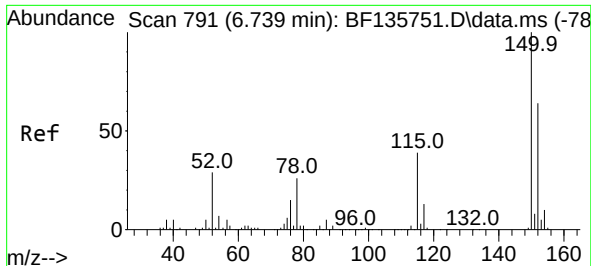
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	153156	47.235	ng	99
46) 1,1'-Biphenyl	9.198	154	469339	40.740	ng	99
47) 2-Chloronaphthalene	9.222	162	332675	40.069	ng	100
48) 2-Nitroaniline	9.333	65	132239	40.351	ng	96
49) Acenaphthylene	9.639	152	557816	40.598	ng	100
50) Dimethylphthalate	9.504	163	405981	39.988	ng	99
51) 2,6-Dinitrotoluene	9.580	165	88834	40.689	ng	91
52) Acenaphthene	9.810	154	361264	43.867	ng	99
53) 3-Nitroaniline	9.751	138	106897	39.941	ng	96
54) 2,4-Dinitrophenol	9.874	184	52043	57.106	ng	86
55) Dibenzofuran	9.986	168	550710	44.319	ng	97
56) 4-Nitrophenol	9.945	139	35174	32.207	ng	96
57) 2,4-Dinitrotoluene	9.992	165	127271	45.822	ng	90
58) Fluorene	10.327	166	402895	41.416	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	106350	43.401	ng	100
60) Diethylphthalate	10.204	149	459083	44.294	ng	100
61) 4-Chlorophenyl-phenyle...	10.316	204	197353	41.975	ng	99
62) 4-Nitroaniline	10.374	138	107409	43.619	ng	96
63) Azobenzene	10.480	77	443946	44.087	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	62536	41.324	ng	98
66) n-Nitrosodiphenylamine	10.445	169	392679	42.845	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	129398	42.869	ng	98
68) Hexachlorobenzene	10.880	284	128717	41.884	ng	98
69) Atrazine	10.974	200	102640	41.172	ng	99
70) Pentachlorophenol	11.086	266	47696	39.351	ng	96
71) Phenanthrene	11.298	178	602376	41.818	ng	99
72) Anthracene	11.351	178	618543	41.438	ng	100
73) Carbazole	11.515	167	574434	41.263	ng	99
74) Di-n-butylphthalate	11.833	149	724500	42.388	ng	100
75) Fluoranthene	12.492	202	660746	41.329	ng	99
77) Benzidine	12.621	184	167812	41.217	ng	98
78) Pyrene	12.727	202	662746	44.699	ng	99
80) Butylbenzylphthalate	13.345	149	289982	44.507	ng	93
81) Benzo(a)anthracene	13.927	228	519379	42.379	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	161947	39.844	ng	99
83) Chrysene	13.962	228	483983	40.772	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	384018	43.487	ng	99
85) Di-n-octyl phthalate	14.521	149	534688	38.184	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	378668	45.922	ng	97
88) Benzo(b)fluoranthene	14.980	252	347627	41.044	ng	97
89) Benzo(k)fluoranthene	15.009	252	365480	44.447	ng	98
90) Benzo(a)pyrene	15.351	252	335061	42.070	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	312359	46.209	ng	99
92) Benzo(g,h,i)perylene	17.368	276	320002	46.086	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.733 min Scan# 791
Delta R.T. -0.013 min
Lab File: BF135904.D
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Instrument :

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ClientSampleId :

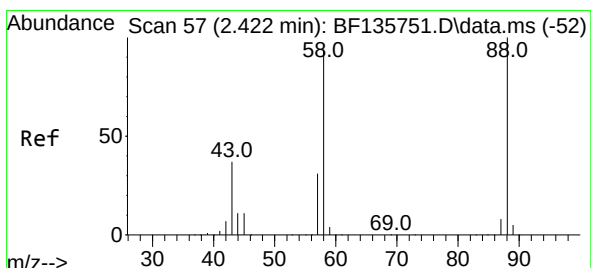
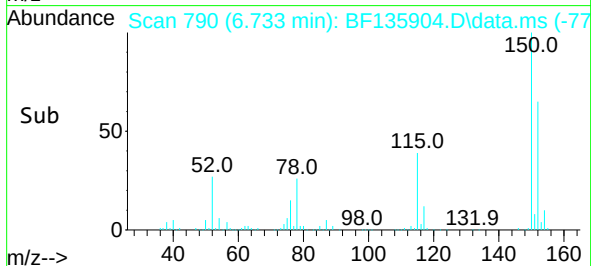
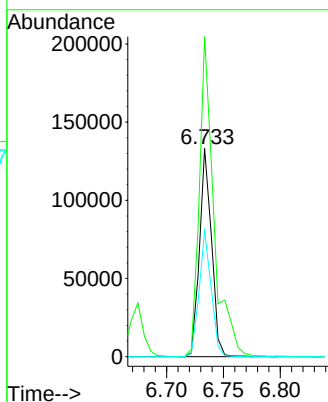
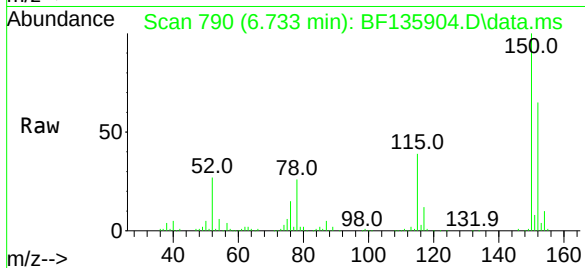
SSTDCCC040

Tgt Ion:152 Resp: 98486
Ion Ratio Lower Upper
152 100
150 153.7 124.5 186.7
115 60.4 49.0 73.4

Manual Integrations

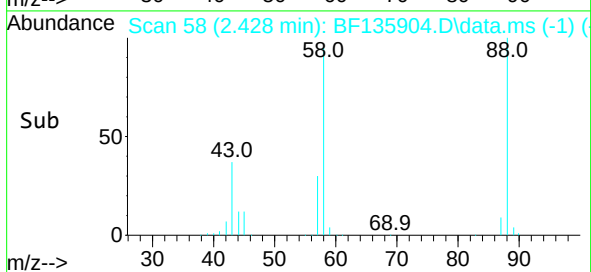
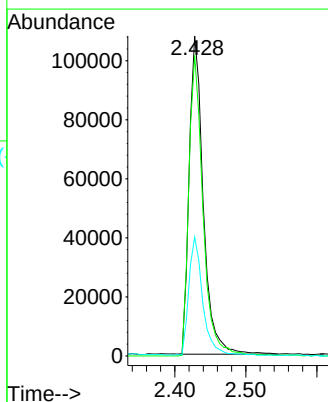
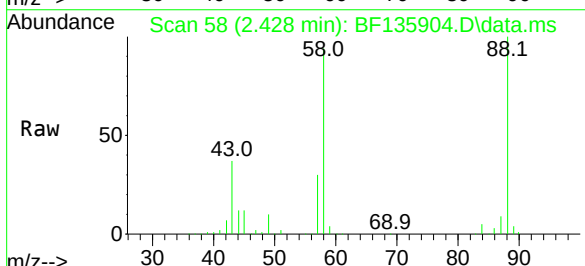
APPROVED

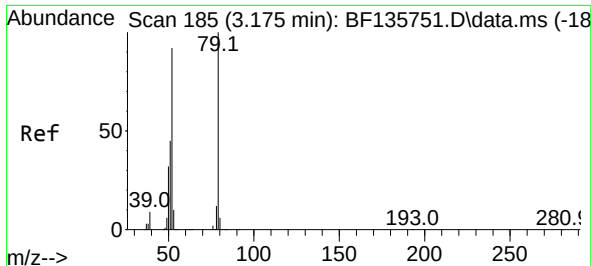
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#2
1,4-Dioxane
Concen: 50.466 ng
RT: 2.428 min Scan# 58
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

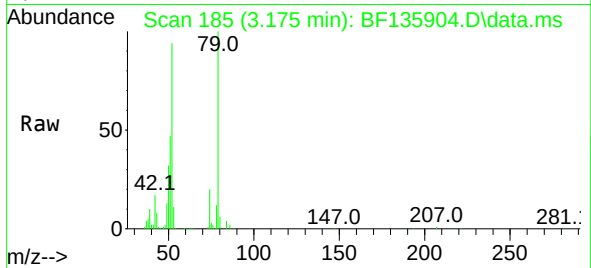
Tgt Ion: 88 Resp: 149112
Ion Ratio Lower Upper
88 100
58 95.1 76.1 114.1
43 36.5 29.8 44.8





#3
Pyridine
Concen: 35.547 ng
RT: 3.175 min Scan# 185
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

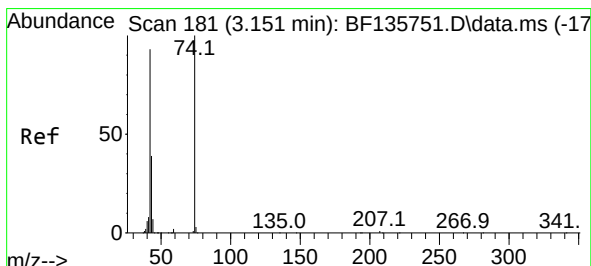
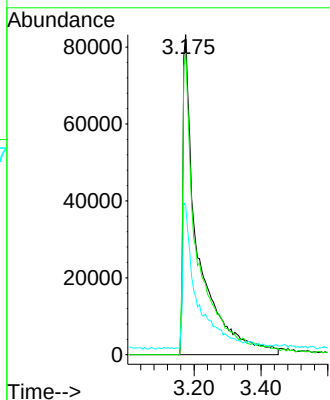
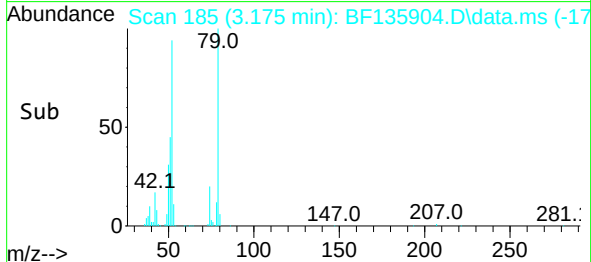
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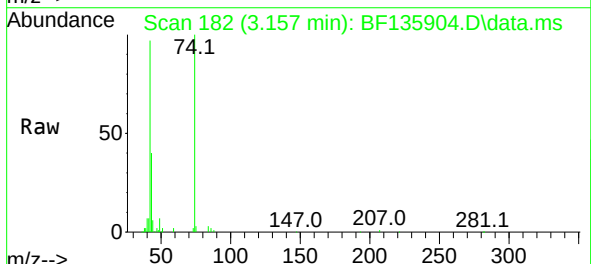
Tgt Ion: 79 Resp: 257700
Ion Ratio Lower Upper
79 100
52 94.2 73.4 110.2
51 46.6 36.5 54.7

Manual Integrations
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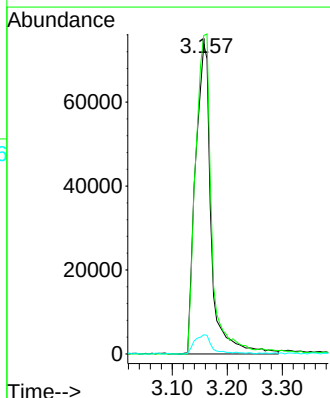
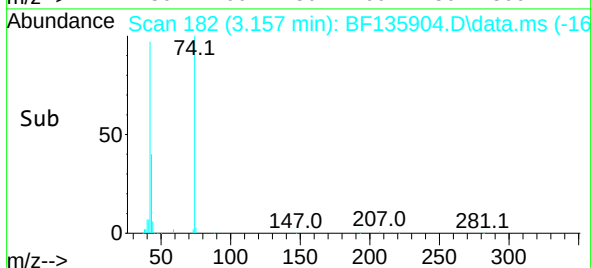
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Supervised By :mohammad ahmed 10/21/2023

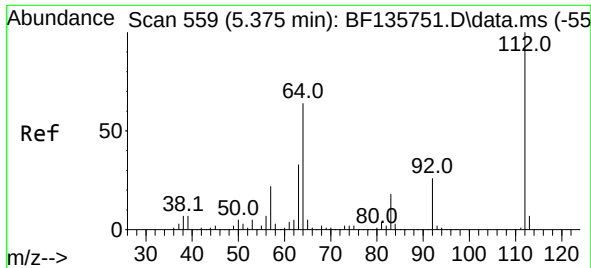


#4
n-Nitrosodimethylamine
Concen: 37.723 ng
RT: 3.157 min Scan# 182
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion: 42 Resp: 147069
Ion Ratio Lower Upper
42 100
74 102.8 86.5 129.7
44 6.2 5.9 8.9





#5
2-Fluorophenol
Concen: 84.978 ng
RT: 5.369 min Scan# 511
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

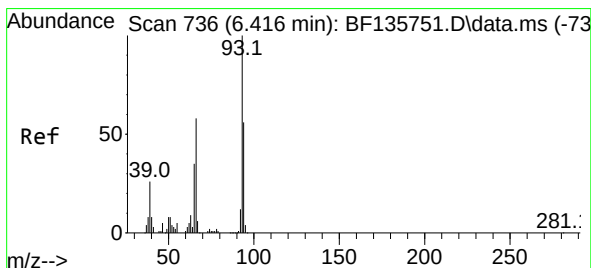
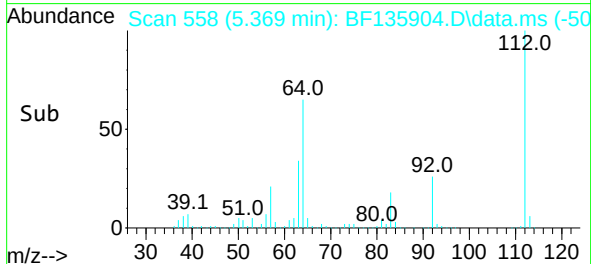
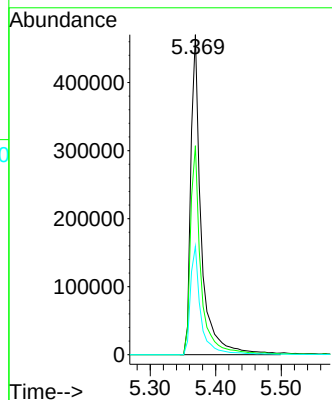
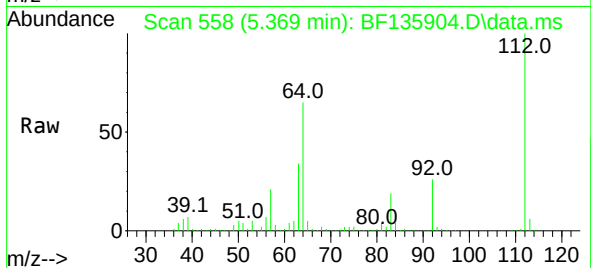
SSTDCCC040

Tgt Ion:112 Resp: 520549
Ion Ratio Lower Upper
112 100
64 65.3 51.2 76.8
63 33.9 26.1 39.1

Manual Integrations

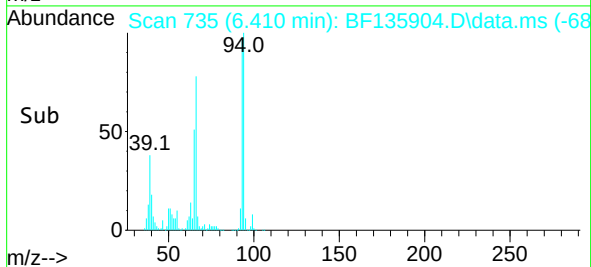
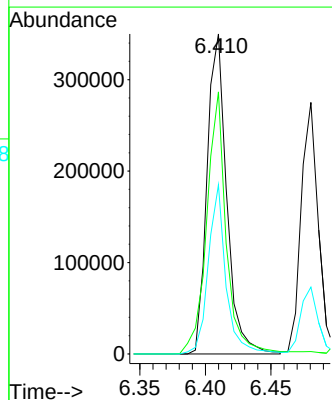
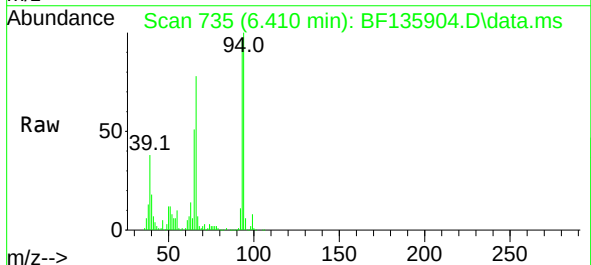
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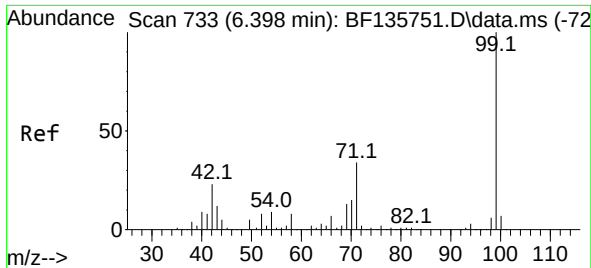
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#6
Aniline
Concen: 37.919 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

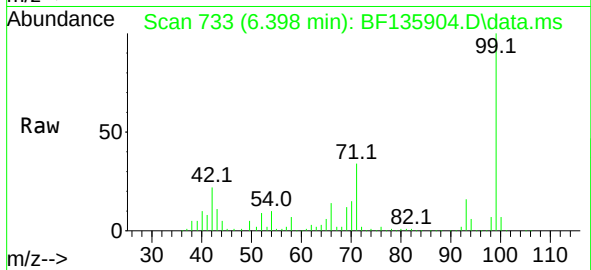
Tgt Ion: 93 Resp: 364725
Ion Ratio Lower Upper
93 100
66 81.9 47.6 71.4#
65 52.9 28.5 42.7#





#7
Phenol-d6
Concen: 75.685 ng
RT: 6.398 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

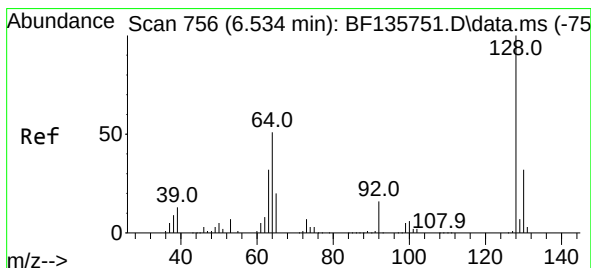
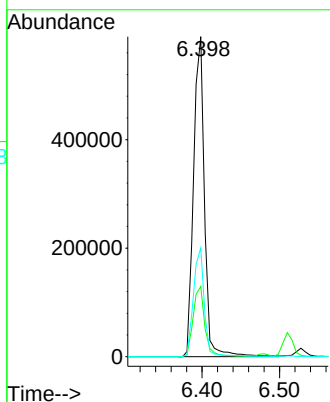
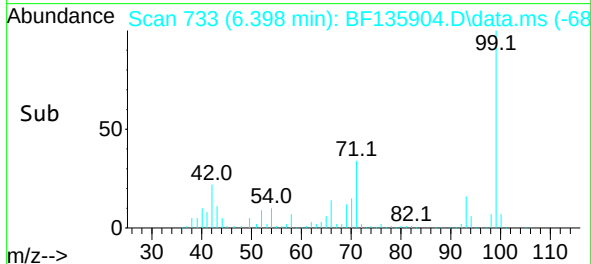
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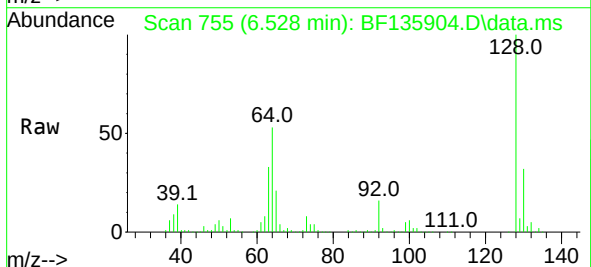
Tgt Ion: 99 Resp: 578472
Ion Ratio Lower Upper
99 100
42 21.9 18.4 27.6
71 34.0 27.2 40.8

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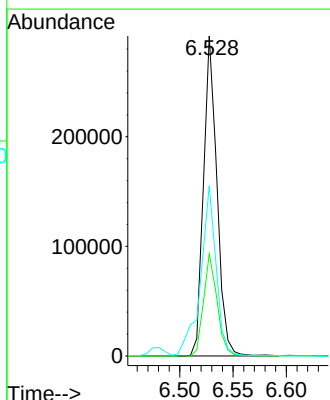
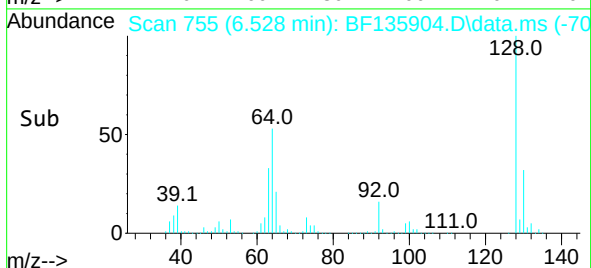
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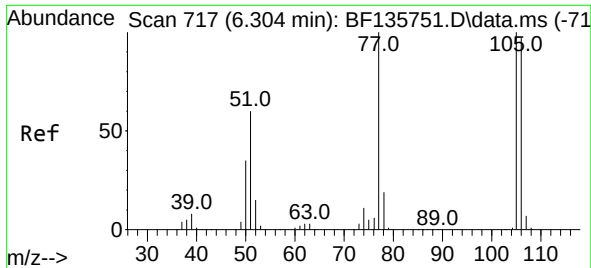


#8
2-Chlorophenol
Concen: 38.982 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



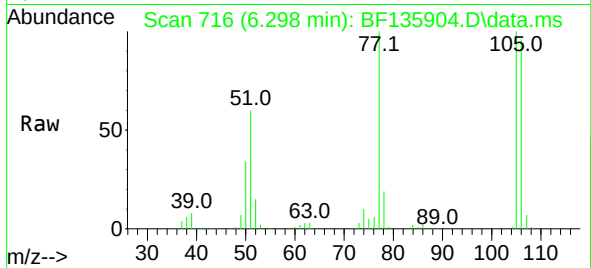
Tgt Ion:128 Resp: 257508
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 53.1 32.3 72.3





#9
Benzaldehyde
Concen: 37.373 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

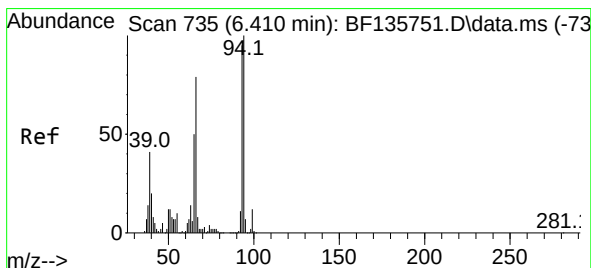
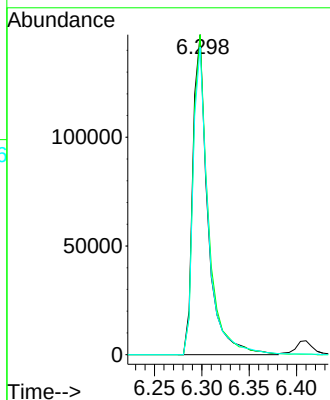
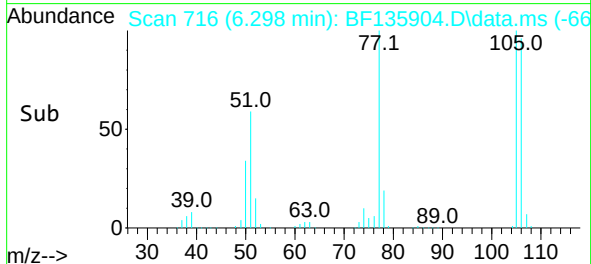
Instrument :
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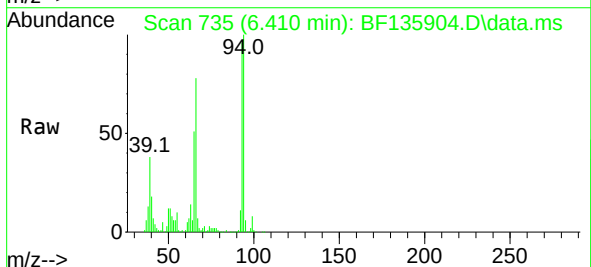
Tgt Ion: 77 Resp: 162580
Ion Ratio Lower Upper
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105 100.0 79.9 119.9
106 96.1 77.1 117.1

Manual Integrations
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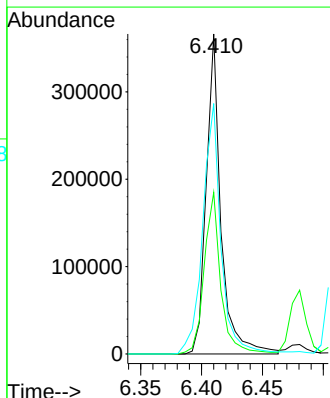
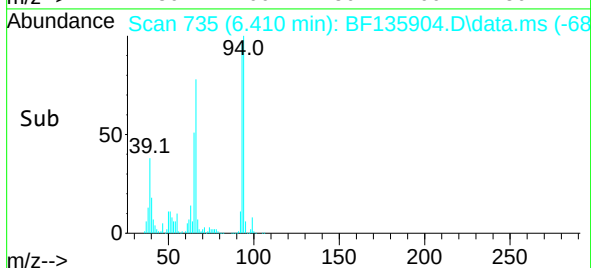
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

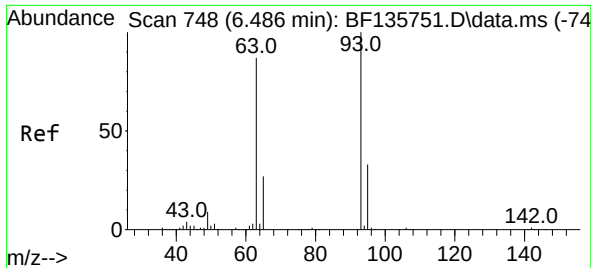


#10
Phenol
Concen: 38.424 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion: 94 Resp: 307723
Ion Ratio Lower Upper
94 100
65 50.5 30.3 70.3
66 78.2 59.1 99.1





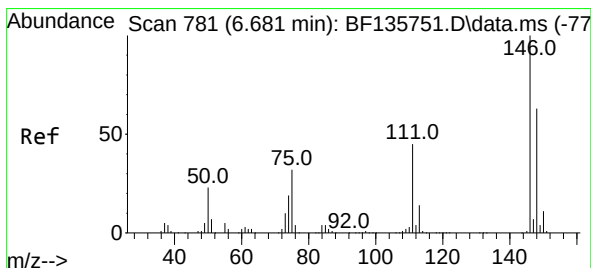
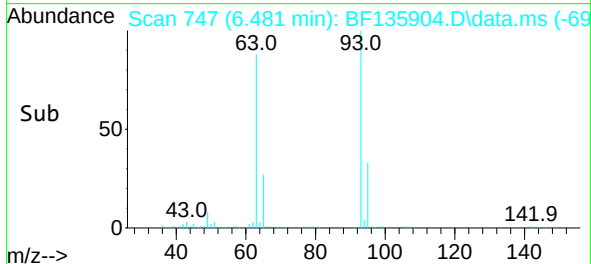
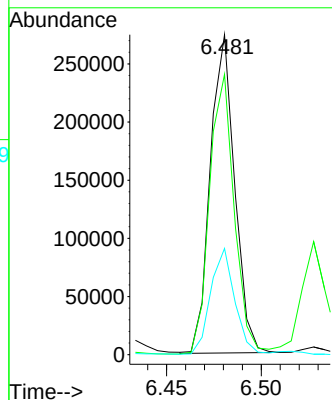
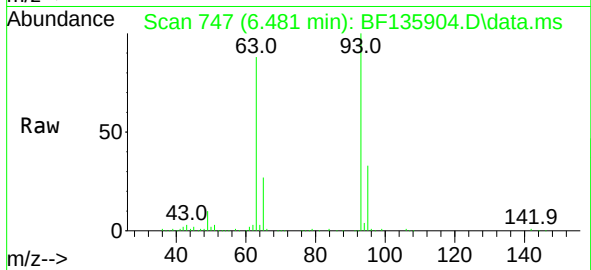
#11
bis(2-Chloroethyl)ether
Concen: 37.931 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 244770
Ion Ratio Lower Upper
93 100
63 87.6 66.3 106.3
95 33.2 12.8 52.8

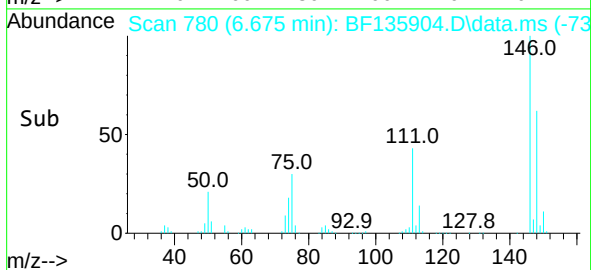
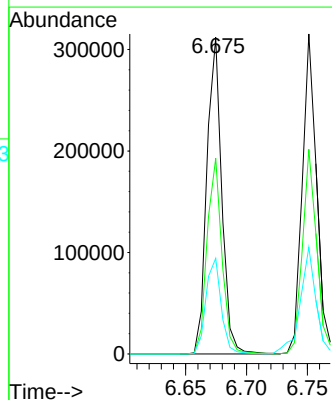
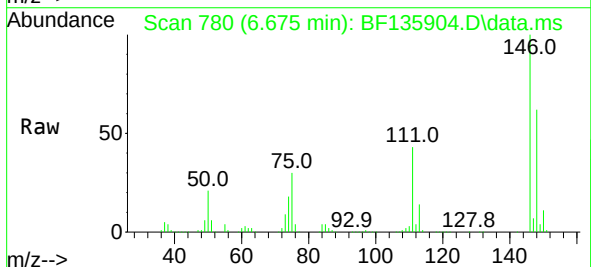
Manual Integrations
APPROVED

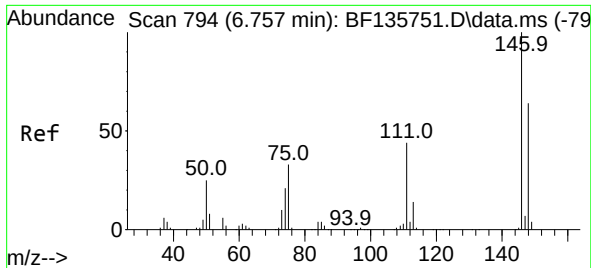
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#12
1,3-Dichlorobenzene
Concen: 39.564 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

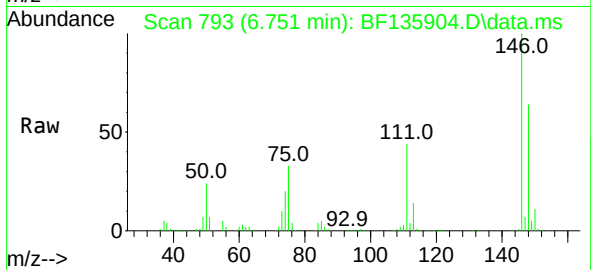
Tgt Ion:146 Resp: 264957
Ion Ratio Lower Upper
146 100
148 61.8 50.2 75.4
75 30.2 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 38.829 ng
RT: 6.751 min Scan# 794
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

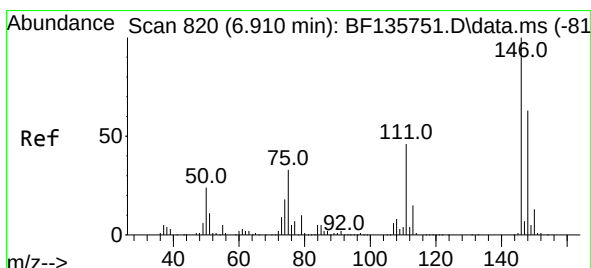
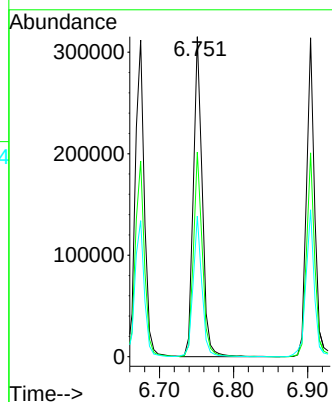
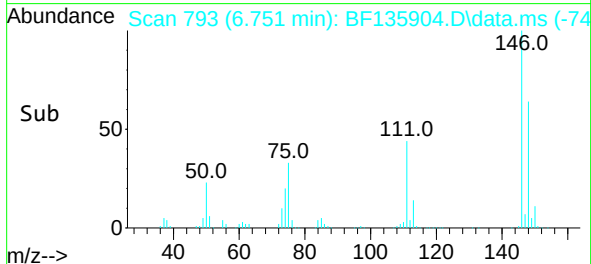
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



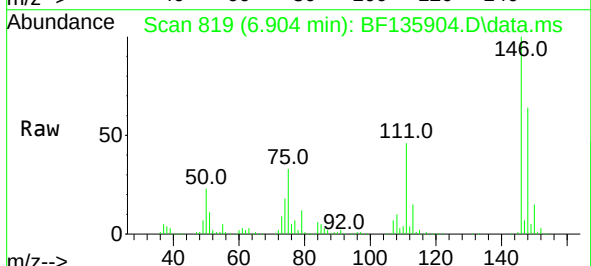
Tgt Ion:146 Resp: 263419
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 44.0 35.2 52.8

Manual Integrations
APPROVED

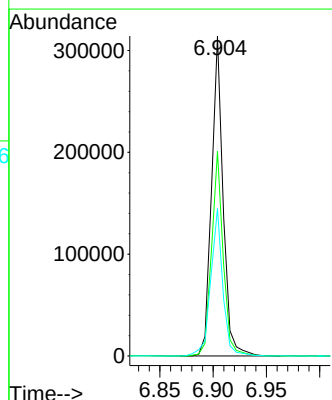
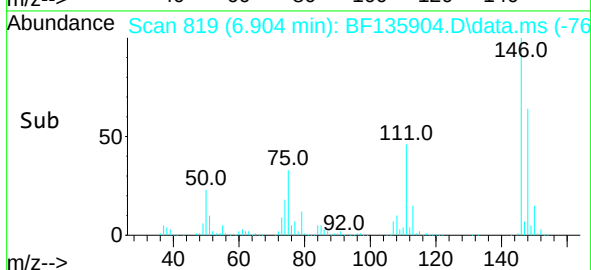
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

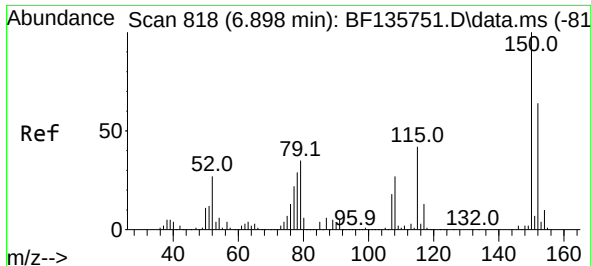


#14
1,2-Dichlorobenzene
Concen: 38.903 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



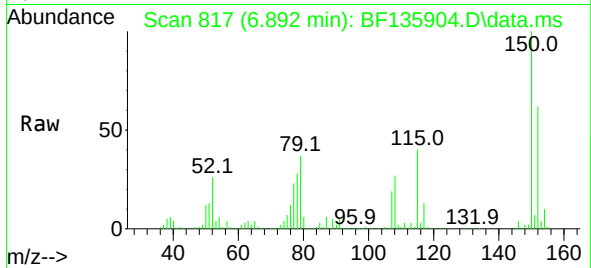
Tgt Ion:146 Resp: 237634
Ion Ratio Lower Upper
146 100
148 63.9 50.2 75.2
111 46.1 37.1 55.7





#15
Benzyl Alcohol
Concen: 40.420 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

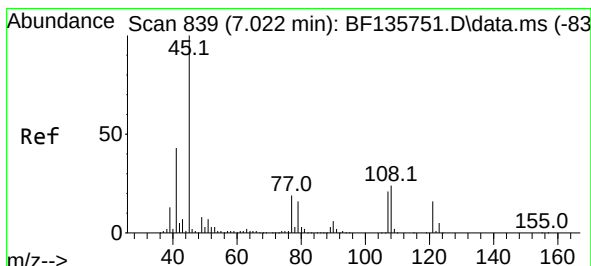
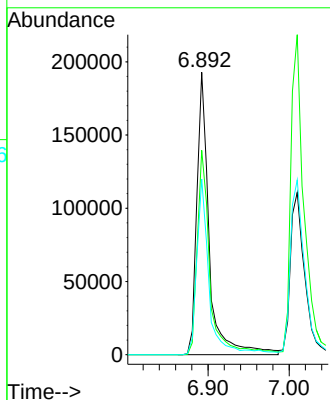
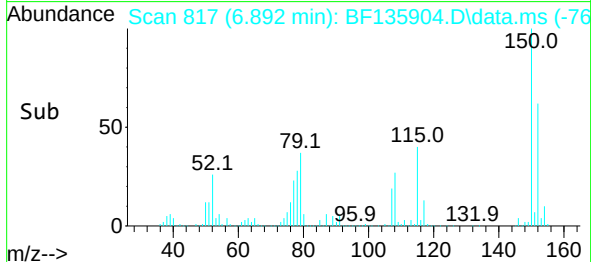
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 205414
Ion Ratio Lower Upper
79 100
108 72.4 62.0 93.0
77 62.2 50.5 75.7

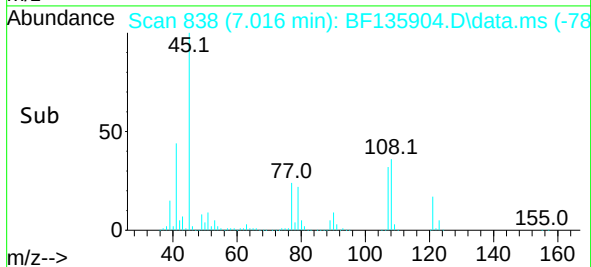
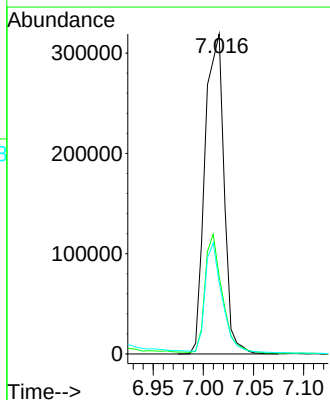
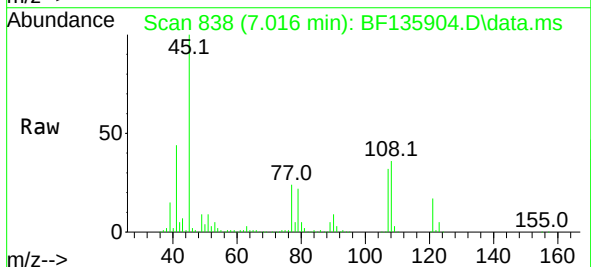
Manual Integrations
APPROVED

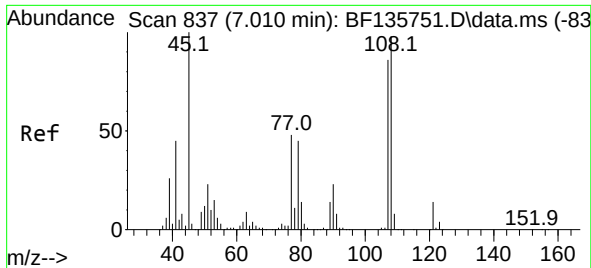
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.160 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion: 45 Resp: 422012
Ion Ratio Lower Upper
45 100
77 24.2 0.0 39.8
79 22.3 0.0 37.6





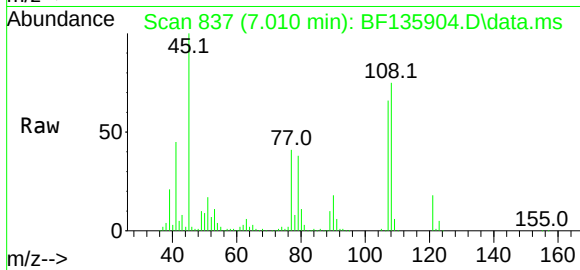
#17
2-Methylphenol
Concen: 38.023 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

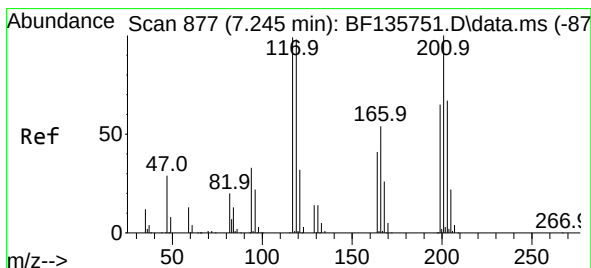
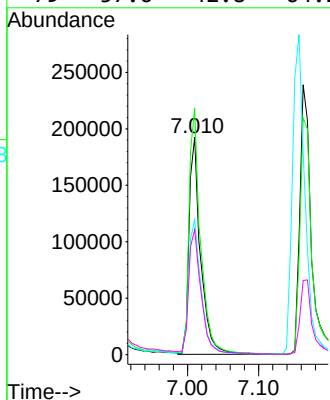
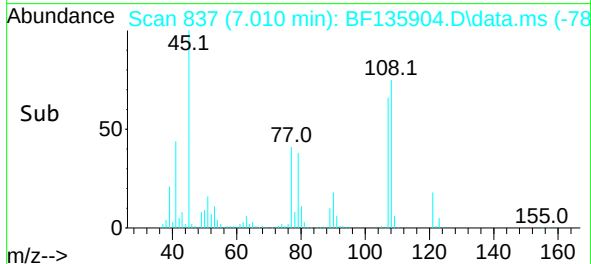


Tgt Ion:107 Resp: 21743
Ion Ratio Lower Upper
107 100
108 113.6 91.8 137.6
77 62.1 45.4 68.0
79 57.6 42.8 64.2

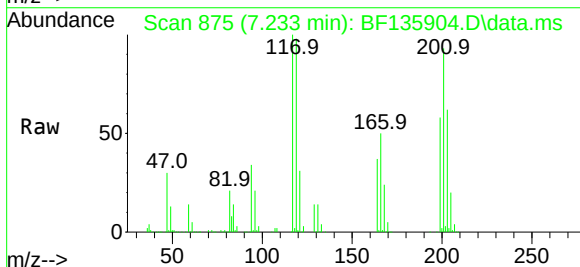
Manual Integrations

APPROVED

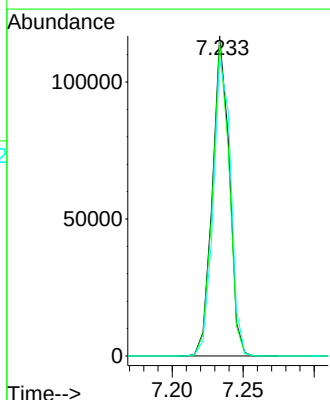
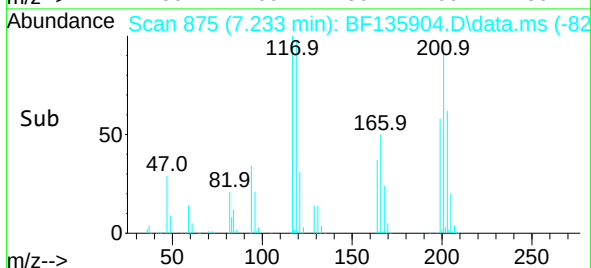
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

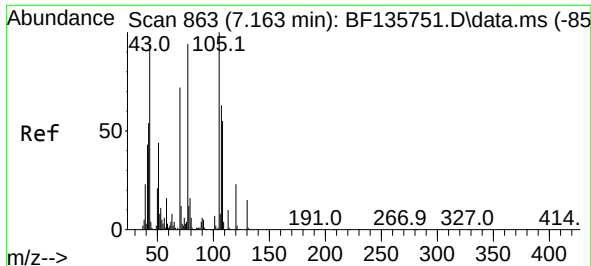


#18
Hexachloroethane
Concen: 39.102 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion:117 Resp: 96181
Ion Ratio Lower Upper
117 100
119 98.3 79.5 119.3
201 93.0 80.9 121.3





#19

n-Nitroso-di-n-propylamine

Concen: 36.856 ng

RT: 7.157 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF135904.D

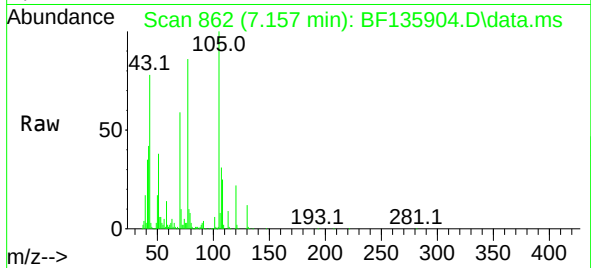
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 17417

Ion Ratio Lower Upper

70 100

42 72.1 59.8 89.6

101 9.6 7.4 11.2

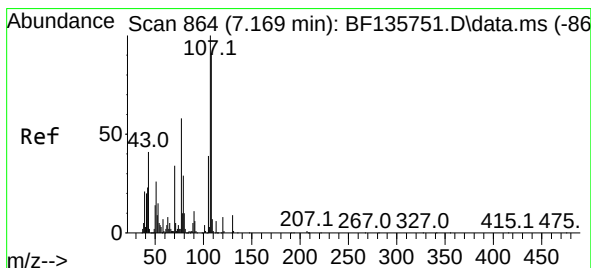
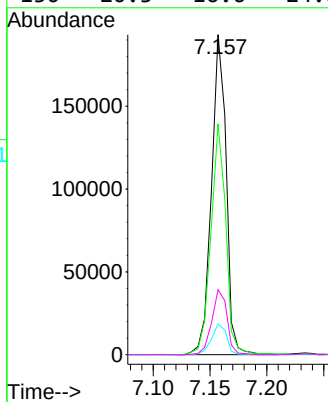
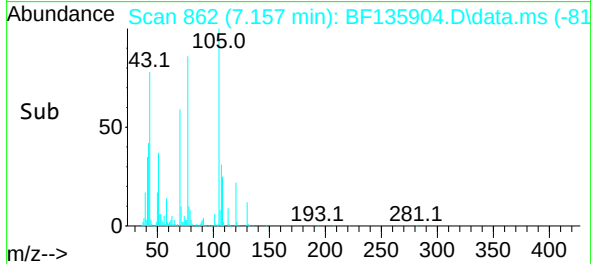
130 20.3 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#20

3+4-Methylphenols

Concen: 38.048 ng

RT: 7.163 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Tgt Ion:107 Resp: 271242

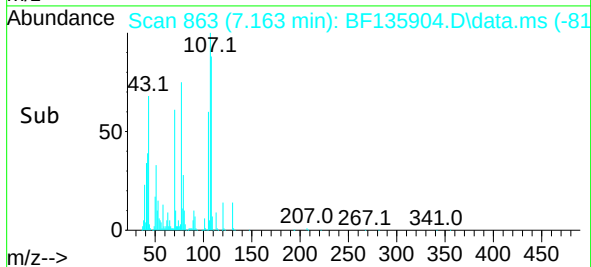
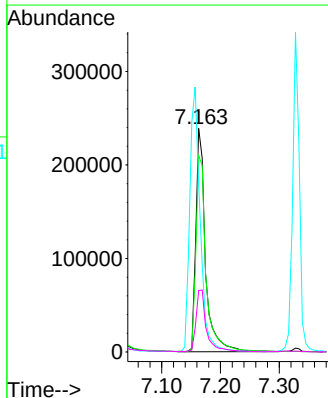
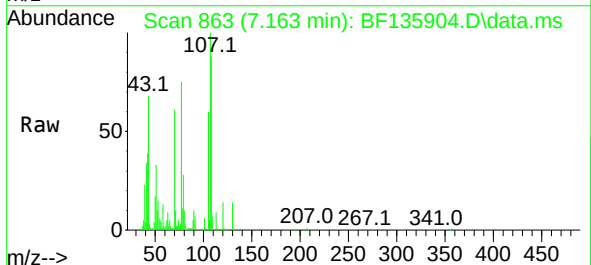
Ion Ratio Lower Upper

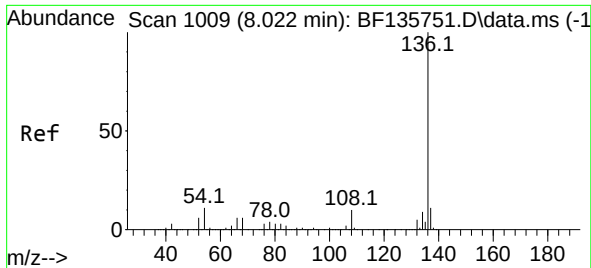
107 100

108 87.8 71.1 111.1

77 74.8 42.0 82.0

79 27.5 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

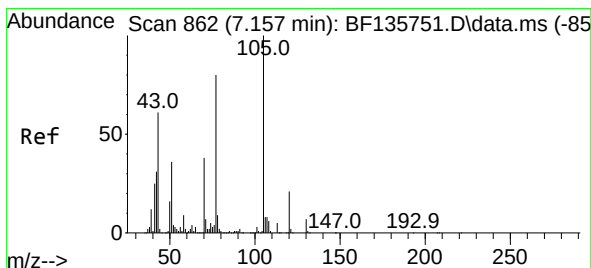
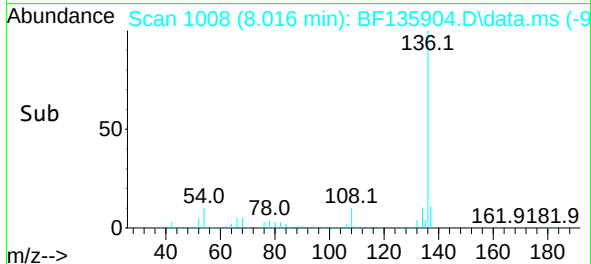
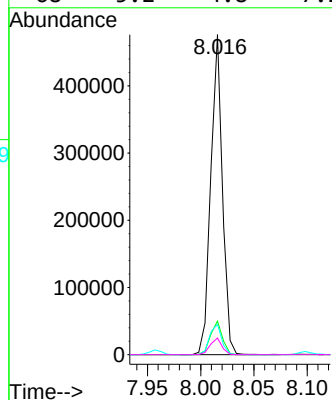
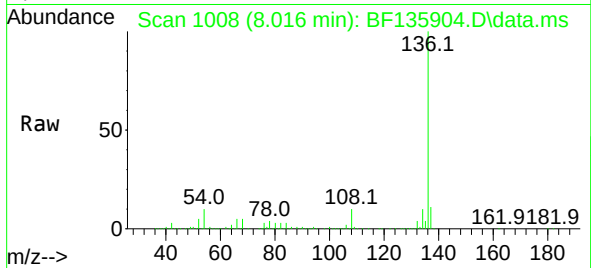
SSTDCCC040

Tgt Ion:136 Resp: 362745
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.5 8.5 12.7
68 5.2 4.8 7.2

Manual Integrations

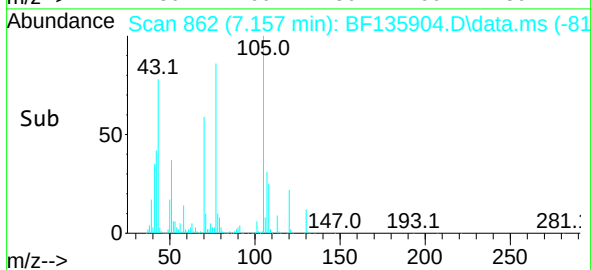
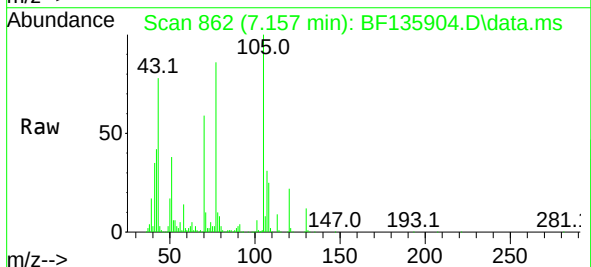
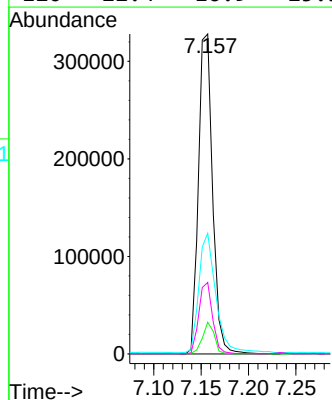
APPROVED

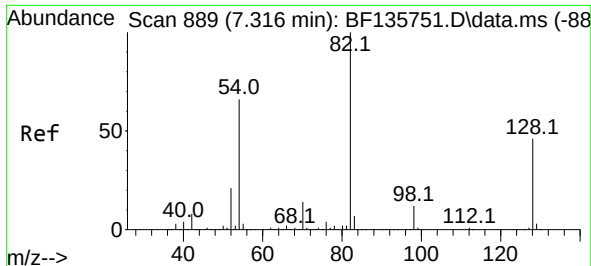
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#22
Acetophenone
Concen: 41.195 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:105 Resp: 342713
Ion Ratio Lower Upper
105 100
71 9.9 5.4 8.0#
51 37.8 29.4 44.0
120 22.4 16.9 25.3





#23

Nitrobenzene-d5

Concen: 83.259 ng

RT: 7.310 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135904.D

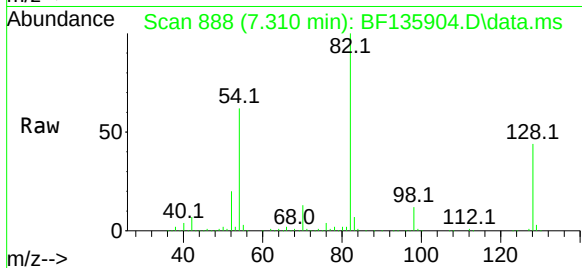
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 82 Resp: 549130

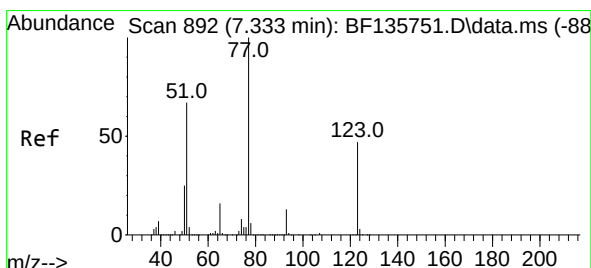
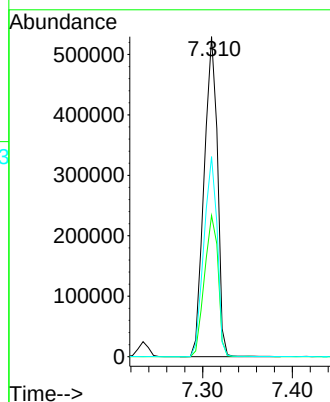
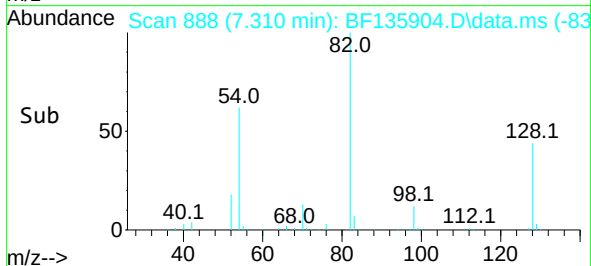
Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.0	55.6
54	62.5	52.8	79.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#24

Nitrobenzene

Concen: 41.312 ng

RT: 7.328 min Scan# 891

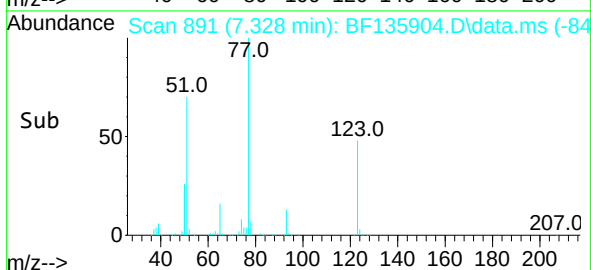
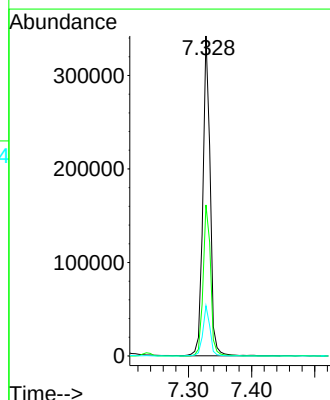
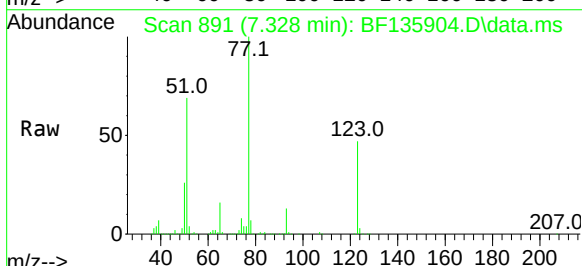
Delta R.T. -0.006 min

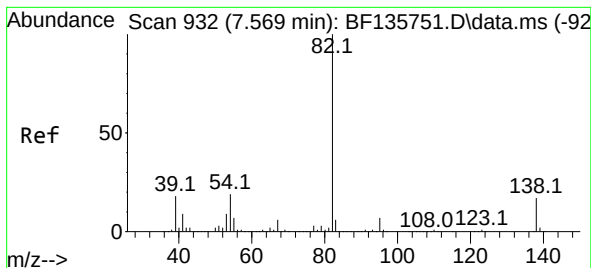
Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Tgt Ion: 77 Resp: 273460

Ion	Ratio	Lower	Upper
77	100		
123	47.2	37.3	55.9
65	15.7	12.6	18.8





#25

Isophorone

Concen: 40.259 ng

RT: 7.563 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 500938

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

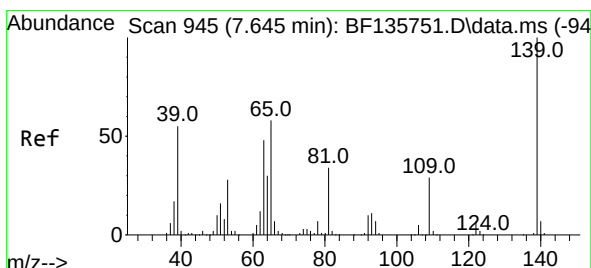
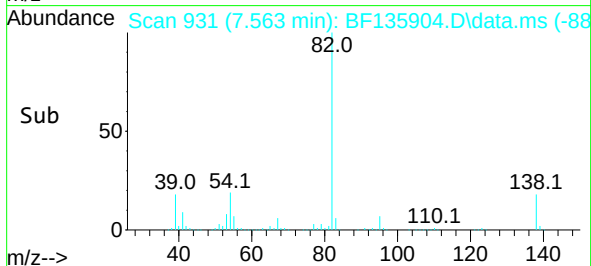
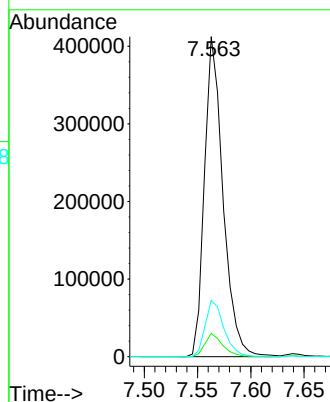
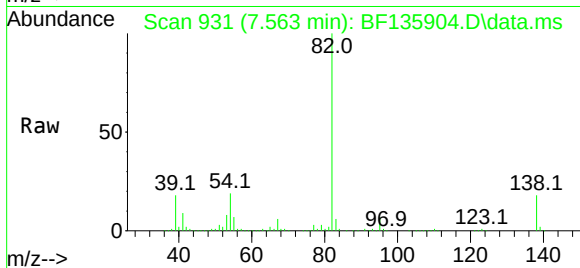
138 17.6 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#26

2-Nitrophenol

Concen: 41.673 ng

RT: 7.639 min Scan# 944

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

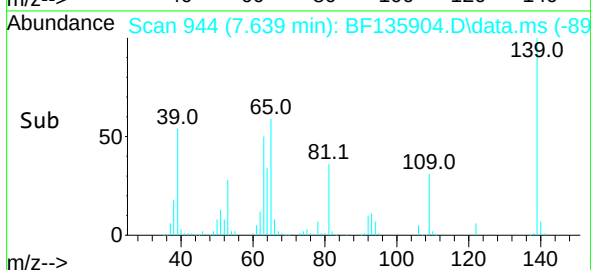
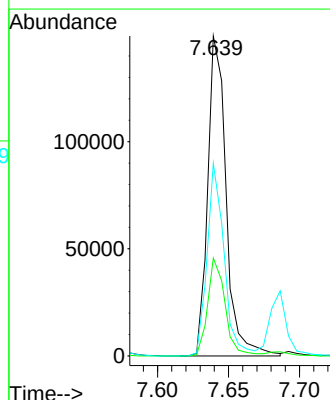
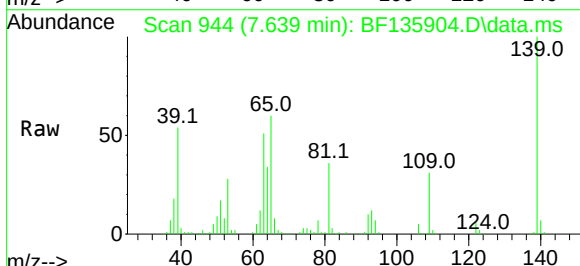
Tgt Ion:139 Resp: 134619

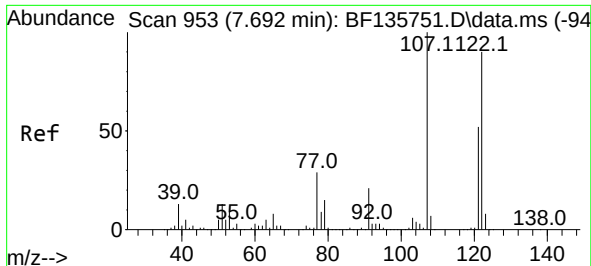
Ion Ratio Lower Upper

139 100

109 30.6 23.0 34.4

65 60.2 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 41.454 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135904.D

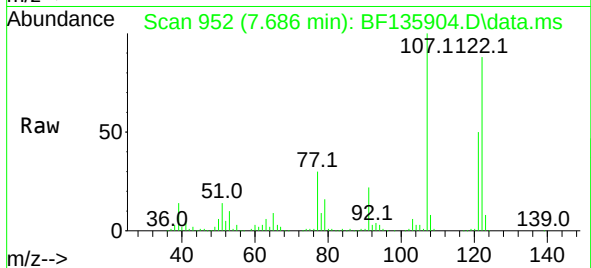
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



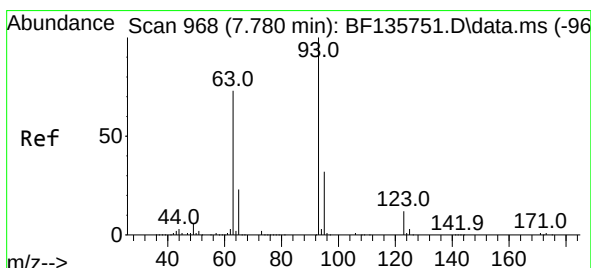
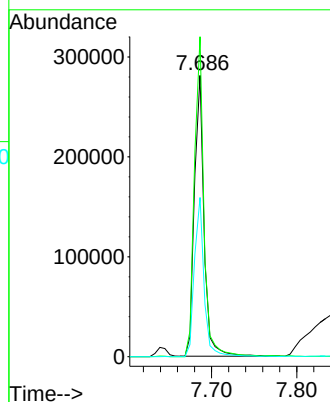
Tgt Ion:	122	Resp:	22044
Ion	Ratio	Lower	Upper
122	100		
107	113.8	88.2	132.4
121	56.6	45.5	68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.745 ng

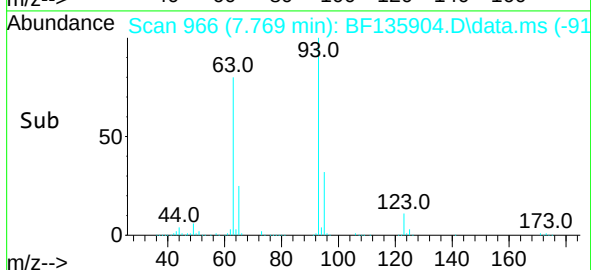
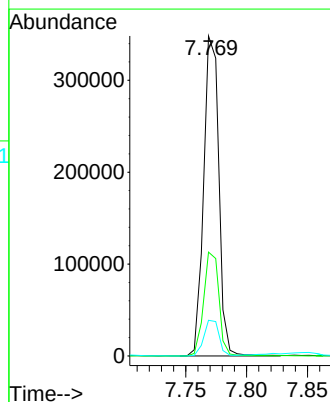
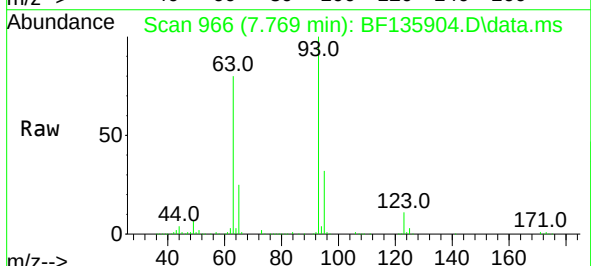
RT: 7.769 min Scan# 966

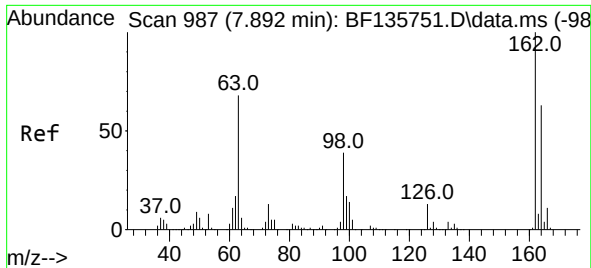
Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Tgt Ion:	93	Resp:	301922
Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.7	38.5
123	11.2	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 42.039 ng

RT: 7.886 min Scan# 986

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

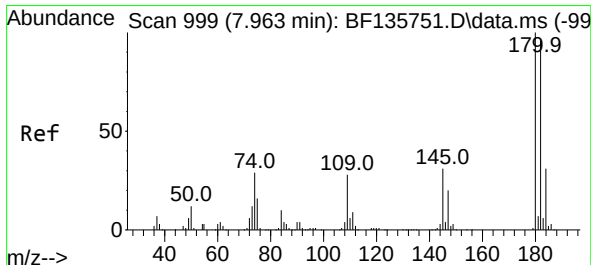
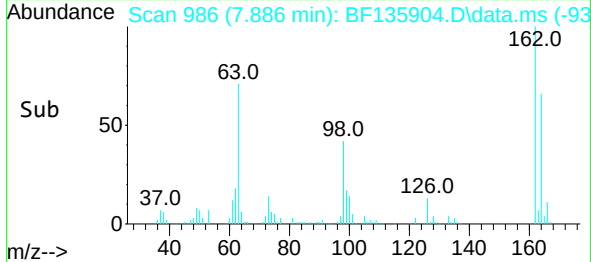
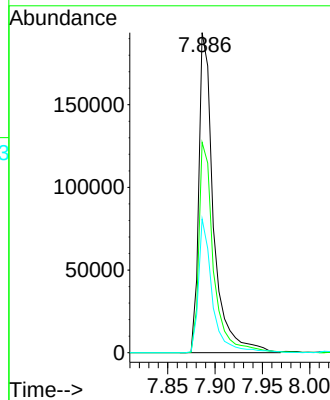
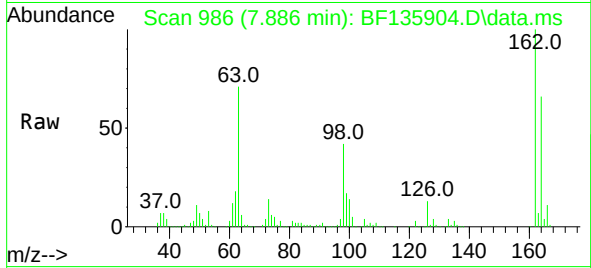
SSTDCCC040

Tgt Ion:162 Resp: 209504
 Ion Ratio Lower Upper
 162 100
 164 65.7 43.4 83.4
 98 41.8 19.0 59.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.227 ng

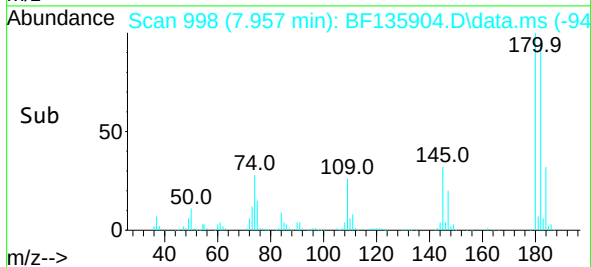
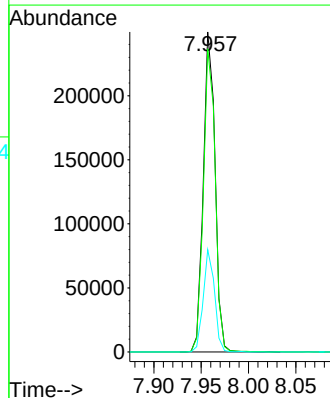
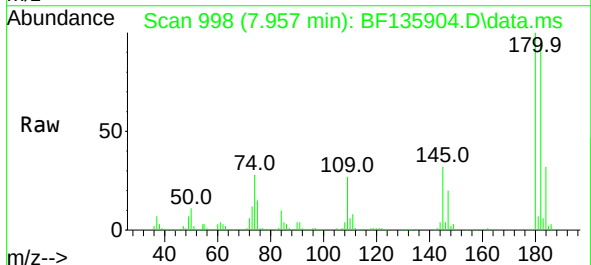
RT: 7.957 min Scan# 998

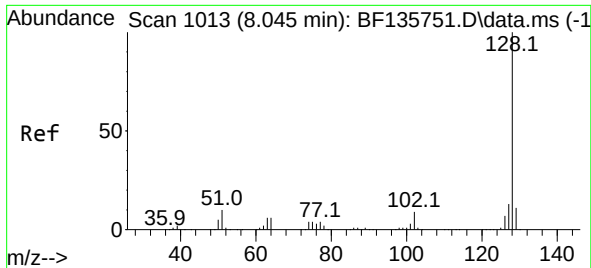
Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Tgt Ion:180 Resp: 215238
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.4 114.6
 145 31.9 25.0 37.6





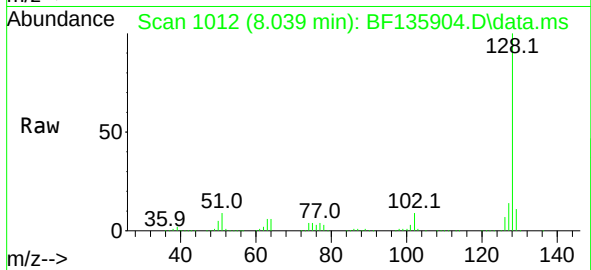
#31
Naphthalene
Concen: 41.076 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

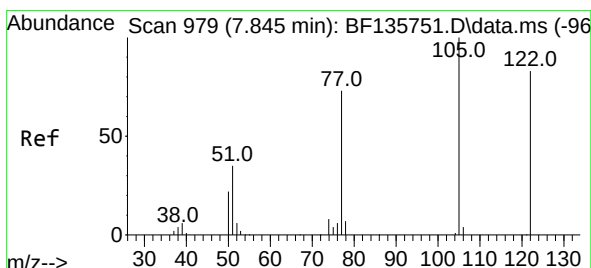
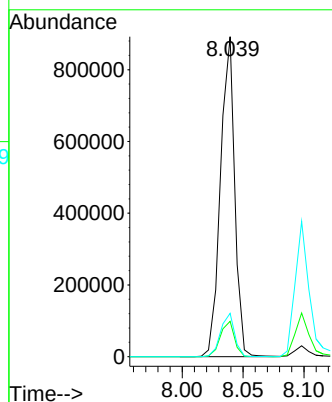
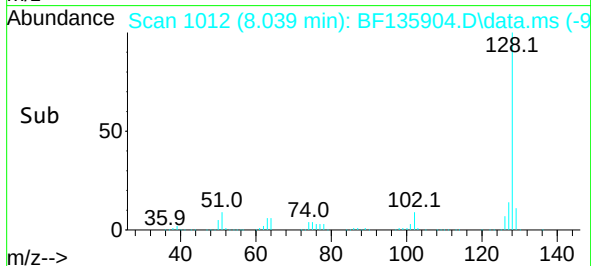


Tgt Ion:128 Resp: 726768
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.5 10.2 15.4

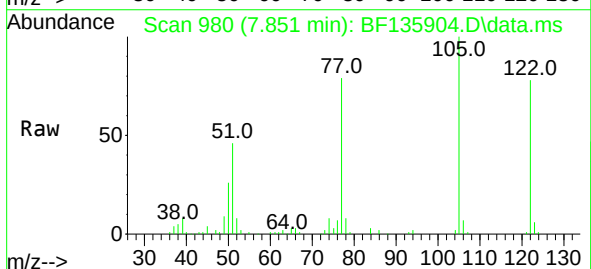
Manual Integrations

APPROVED

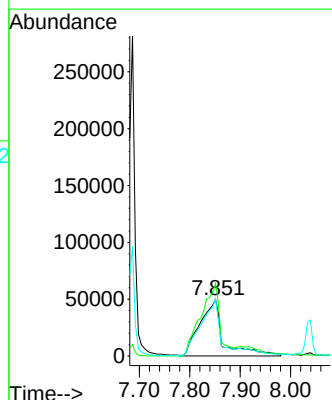
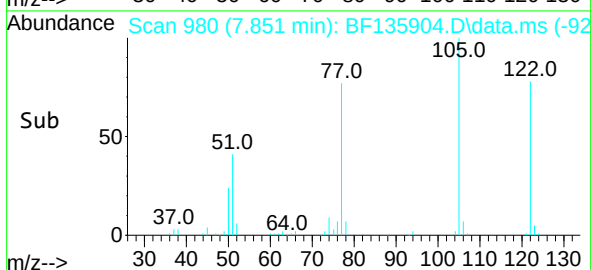
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

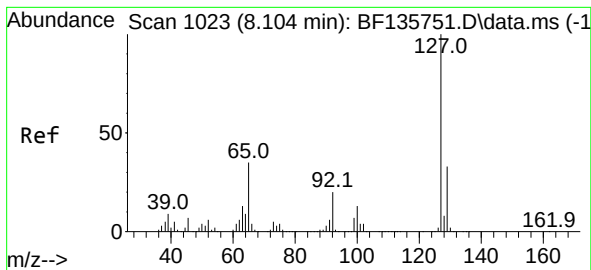


#32
Benzoic acid
Concen: 44.499 ng m
RT: 7.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion:122 Resp: 160183
Ion Ratio Lower Upper
122 100
105 127.8 98.7 138.7
77 101.4 67.8 107.8





#33
4-Chloroaniline
Concen: 40.989 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

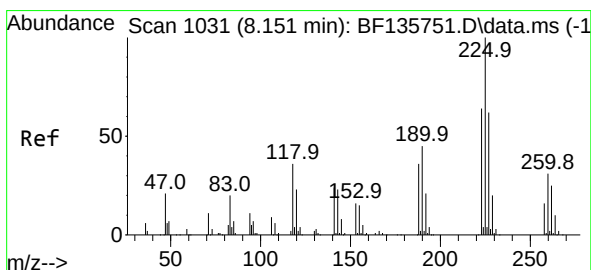
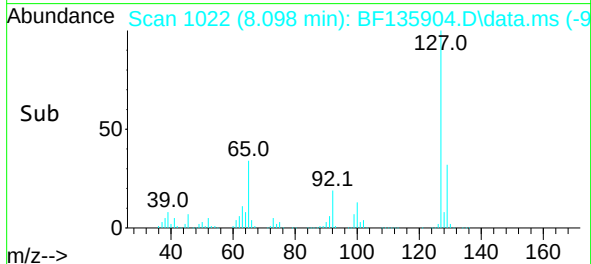
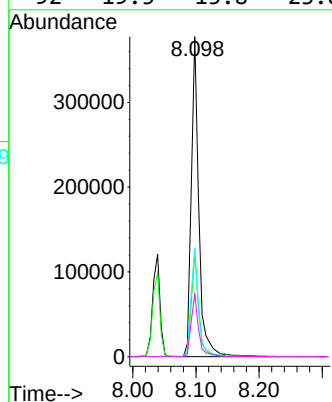
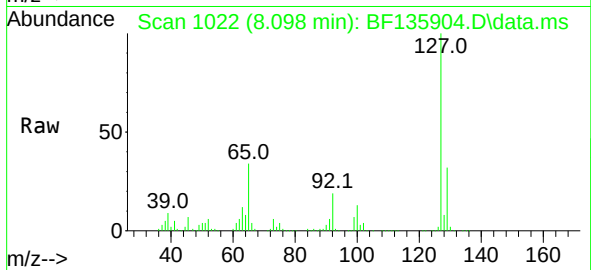
SSTDCCC040

Tgt Ion:127 Resp: 316798
Ion Ratio Lower Upper
127 100
129 32.3 26.5 39.7
65 34.1 27.9 41.9
92 19.5 15.8 23.8

Manual Integrations

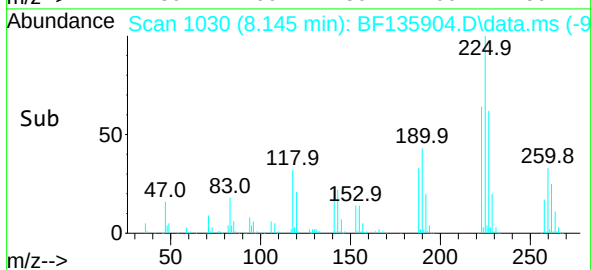
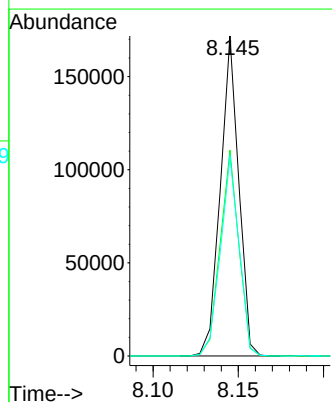
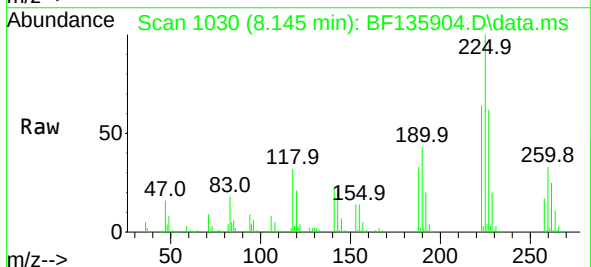
APPROVED

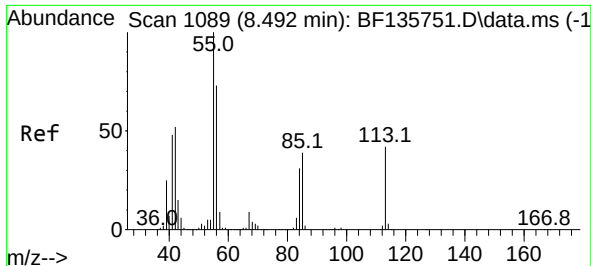
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#34
Hexachlorobutadiene
Concen: 42.745 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

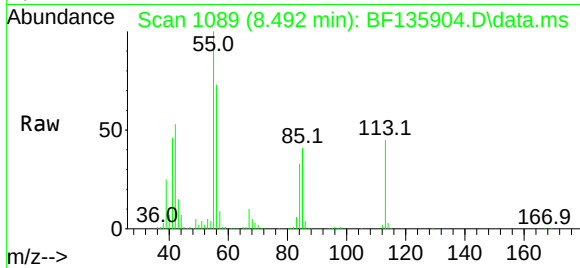
Tgt Ion:225 Resp: 128963
Ion Ratio Lower Upper
225 100
223 64.3 51.1 76.7
227 62.3 49.7 74.5





#35
Caprolactam
Concen: 38.967 ng m
RT: 8.492 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

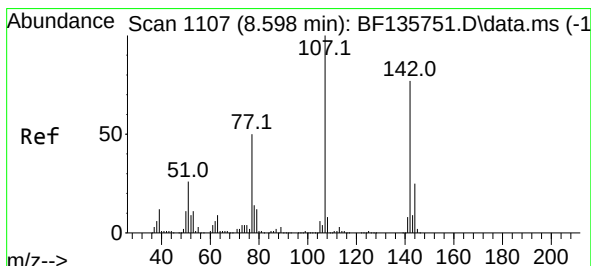
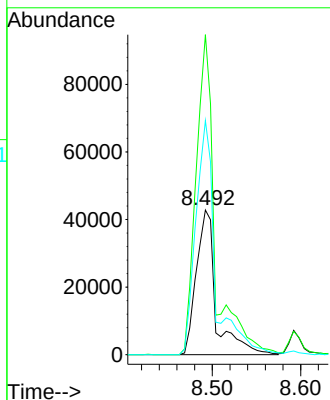
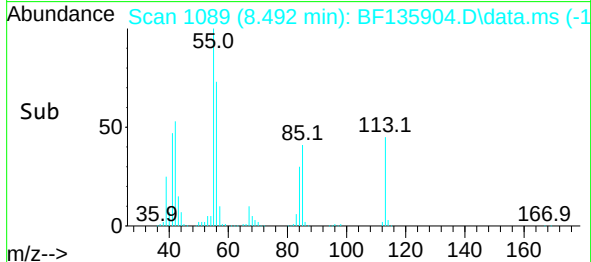
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 6638
Ion Ratio Lower Upper
113 100
55 221.3 217.4 257.4
56 161.9 153.1 193.1

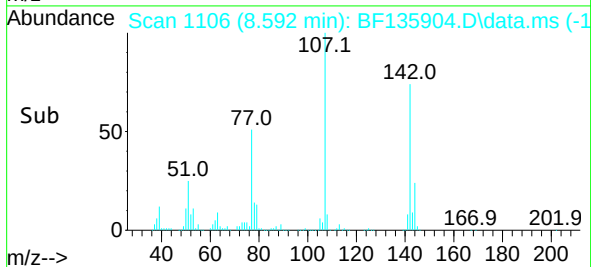
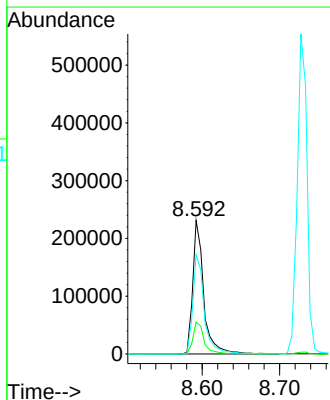
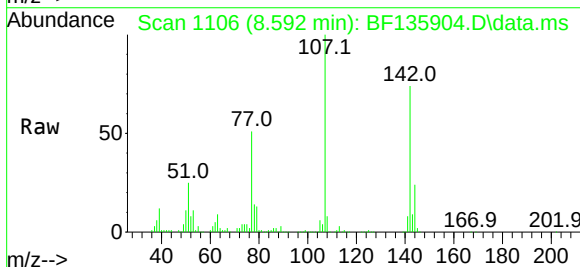
Manual Integrations
APPROVED

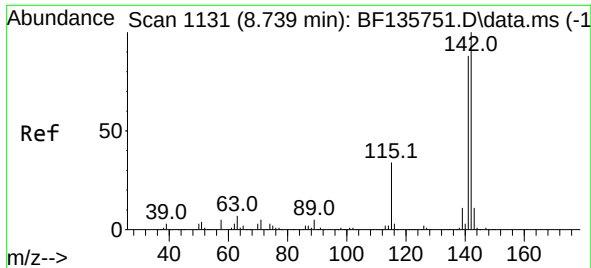
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#36
4-Chloro-3-methylphenol
Concen: 41.374 ng
RT: 8.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:107 Resp: 228660
Ion Ratio Lower Upper
107 100
144 24.0 19.8 29.8
142 74.4 61.3 91.9





#37

2-Methylnaphthalene

Concen: 41.540 ng

RT: 8.727 min Scan# 1129

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 484240

Ion Ratio Lower Upper

142 100

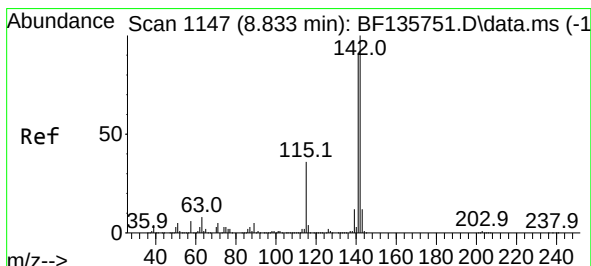
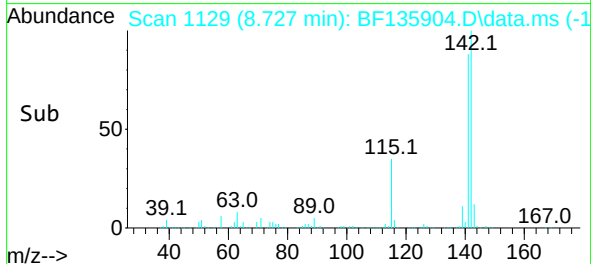
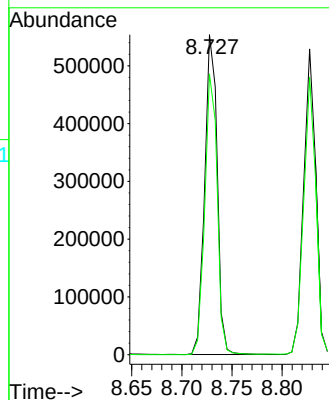
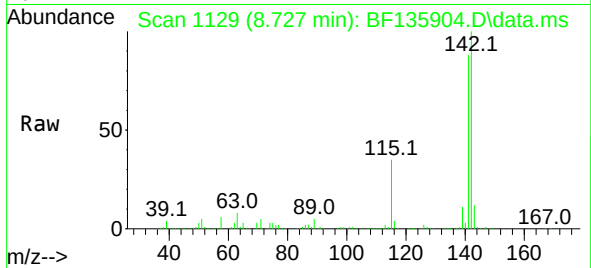
141 87.8 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#38

1-Methylnaphthalene

Concen: 41.433 ng

RT: 8.827 min Scan# 1146

Delta R.T. -0.012 min

Lab File: BF135904.D

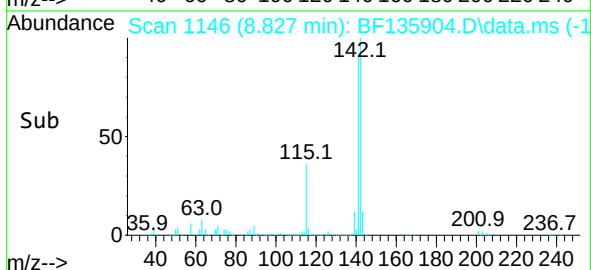
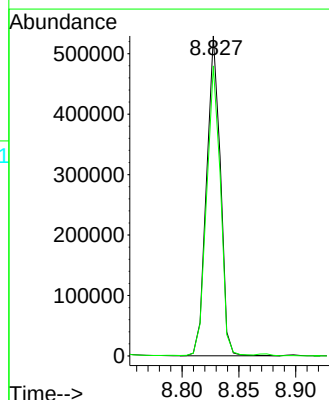
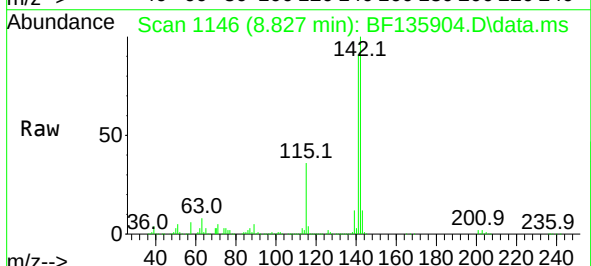
Acq: 20 Oct 2023 12:56

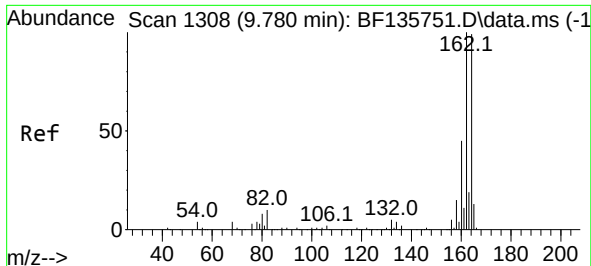
Tgt Ion:142 Resp: 445475

Ion Ratio Lower Upper

142 100

141 90.7 72.7 109.1





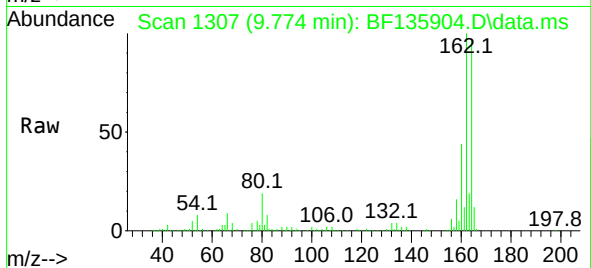
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

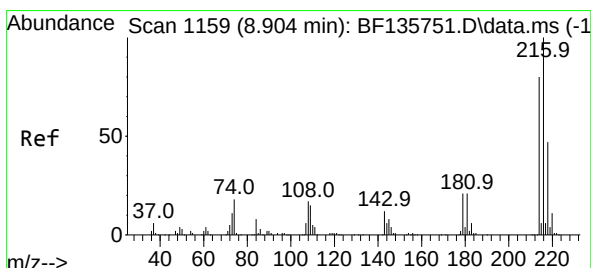
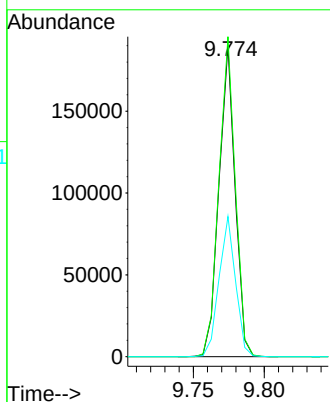
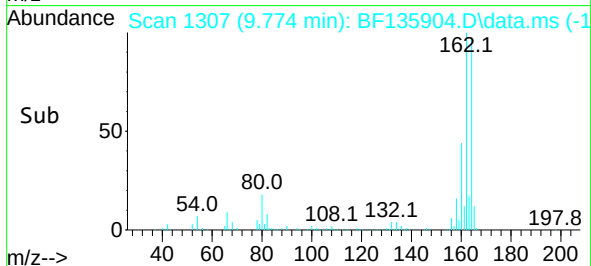
SSTDCCC040



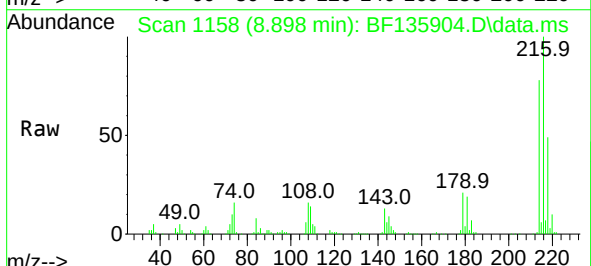
Tgt Ion:164 Resp: 150392
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 45.1 36.6 54.8

Manual Integrations
APPROVED

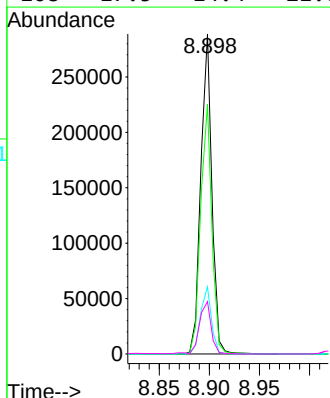
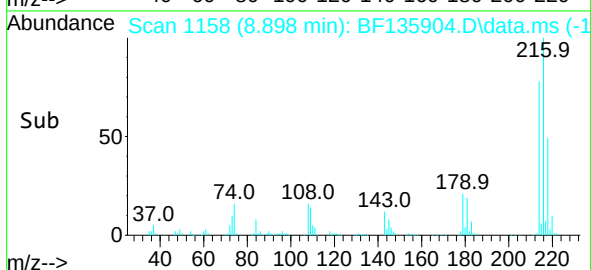
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

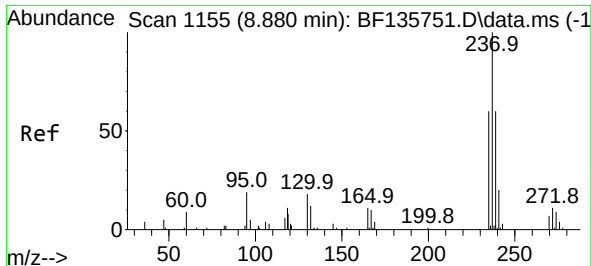


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.452 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion:216 Resp: 222588
Ion Ratio Lower Upper
216 100
214 78.9 64.0 96.0
179 20.9 16.9 25.3
108 17.5 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 40.024 ng
RT: 8.874 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

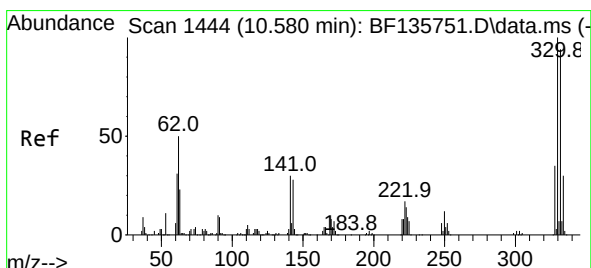
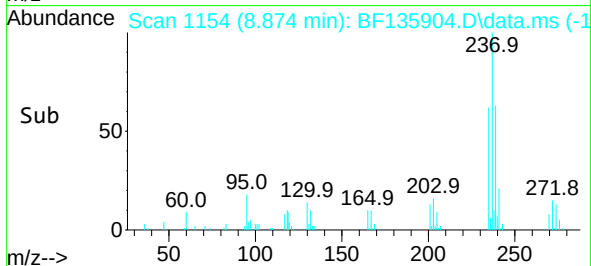
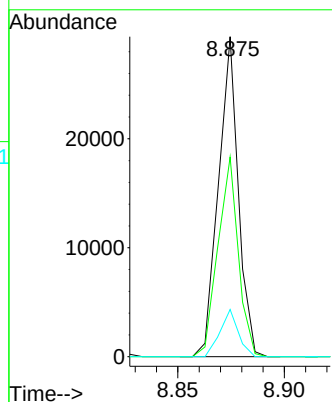
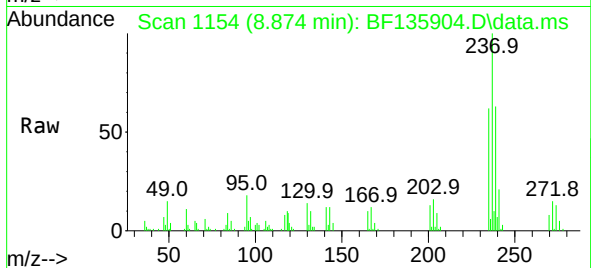
SSTDCCC040

Tgt Ion:237 Resp: 19025
Ion Ratio Lower Upper
237 100
235 62.4 40.0 80.0
272 14.8 0.0 30.9

Manual Integrations

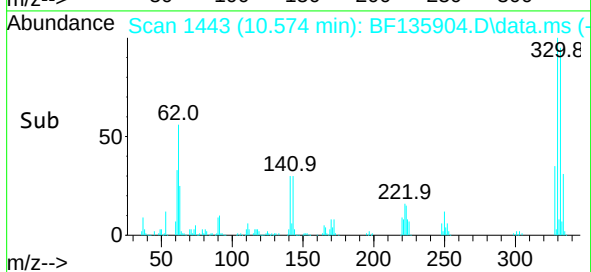
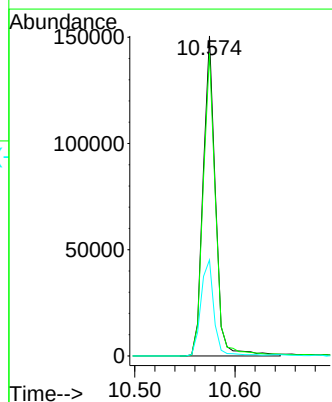
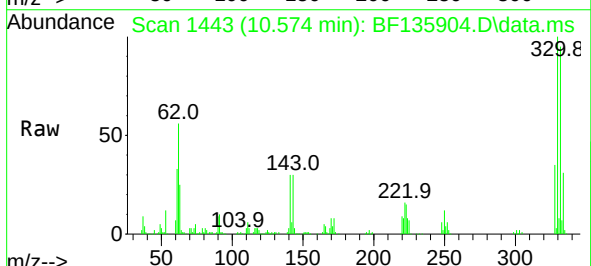
APPROVED

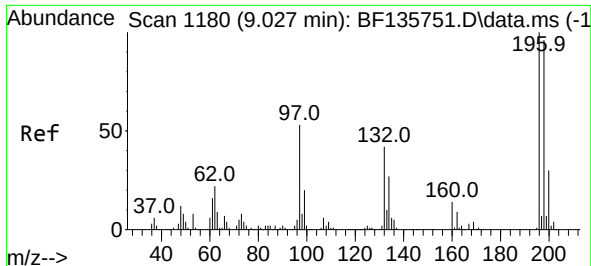
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#42
2,4,6-Tribromophenol
Concen: 89.444 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:330 Resp: 129080
Ion Ratio Lower Upper
330 100
332 96.1 75.0 112.4
141 32.0 25.8 38.6





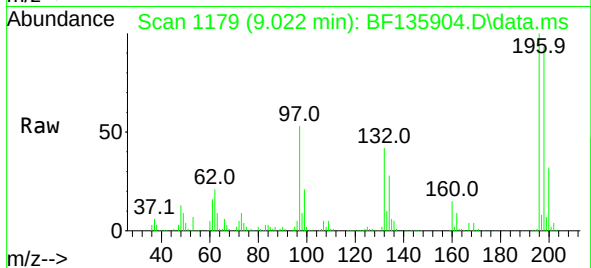
#43
2,4,6-Trichlorophenol
Concen: 50.347 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

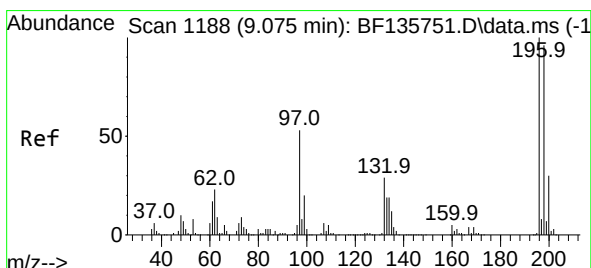
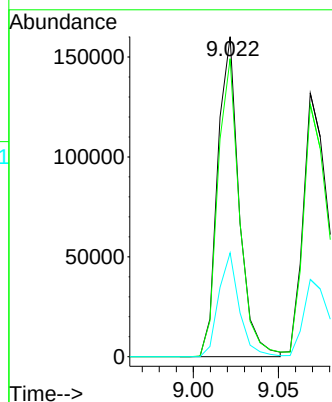


Tgt Ion:196 Resp: 14035
Ion Ratio Lower Upper
196 100
198 93.2 76.7 115.1
200 32.5 24.2 36.4

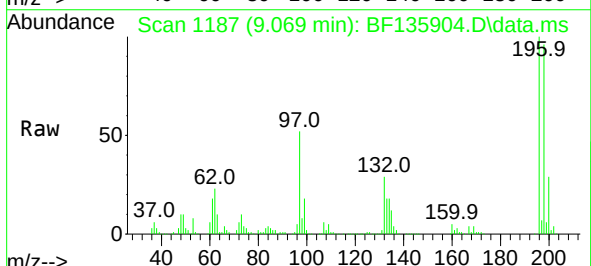
Manual Integrations

APPROVED

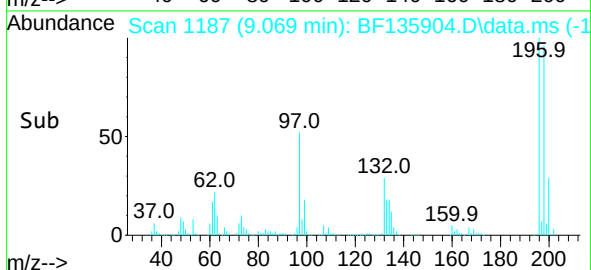
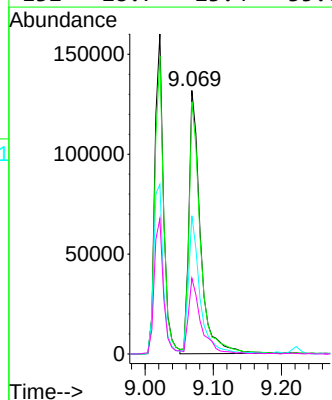
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

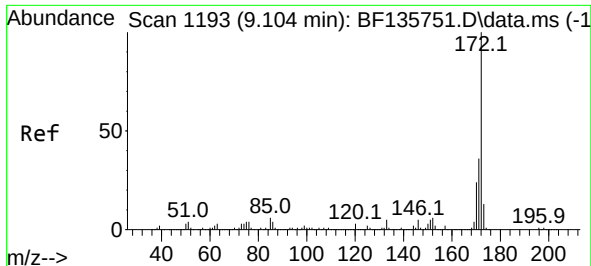


#44
2,4,5-Trichlorophenol
Concen: 47.235 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion:196 Resp: 153156
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.6
97 52.4 42.2 63.2
132 28.7 23.4 35.0





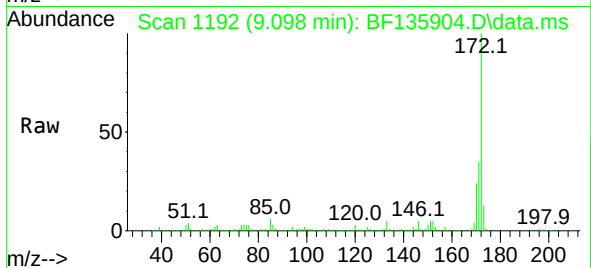
#45
2-Fluorobiphenyl
Concen: 93.595 ng
RT: 9.098 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

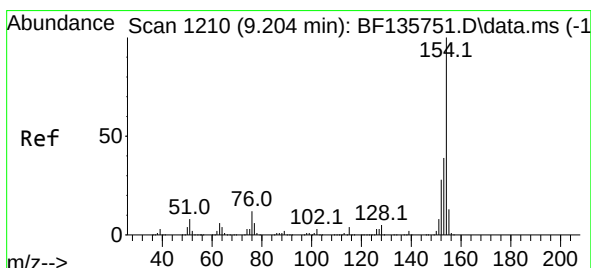
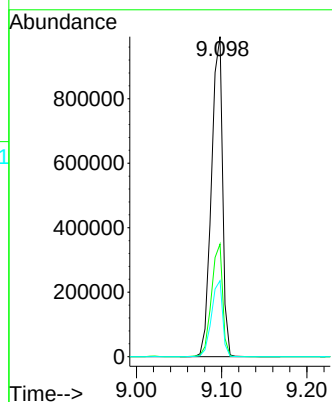
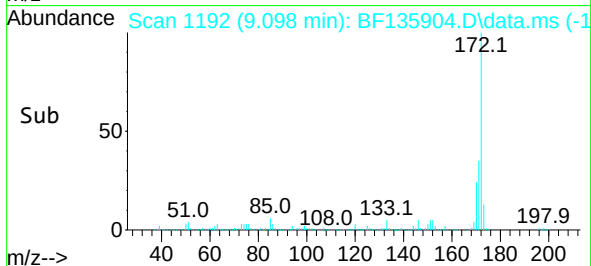


Tgt Ion:172 Resp: 900281
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.7 18.8 28.2

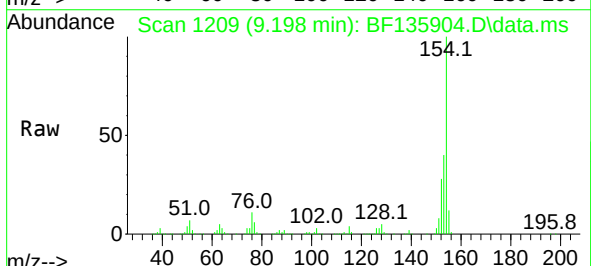
Manual Integrations

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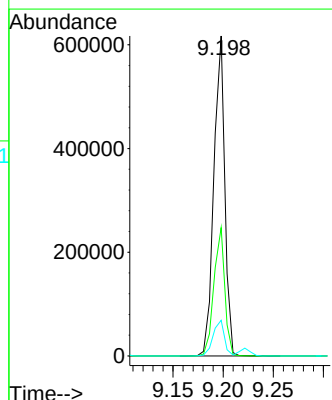
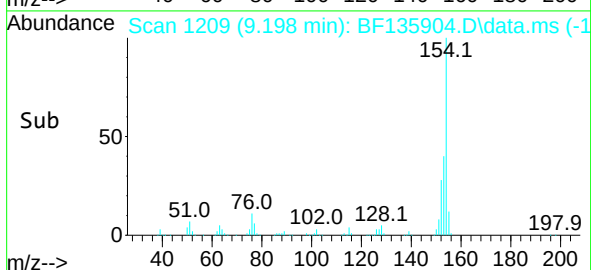
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

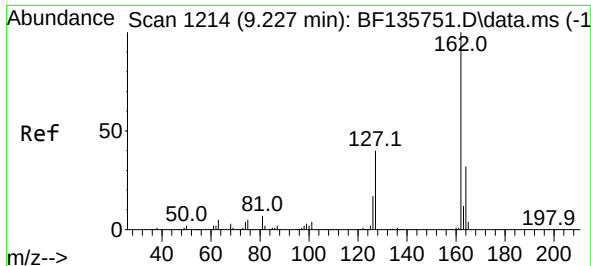


#46
1,1'-Biphenyl
Concen: 40.740 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion:154 Resp: 469339
Ion Ratio Lower Upper
154 100
153 40.1 19.4 59.4
76 11.2 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.069 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 162 Resp: 33267

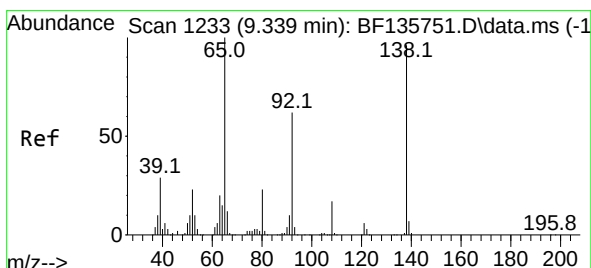
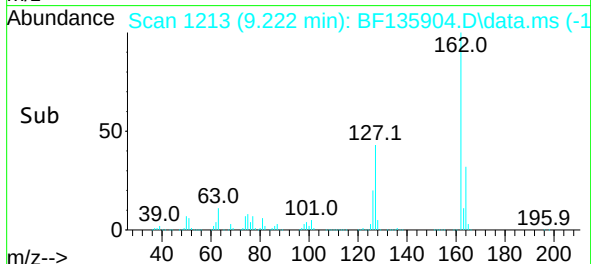
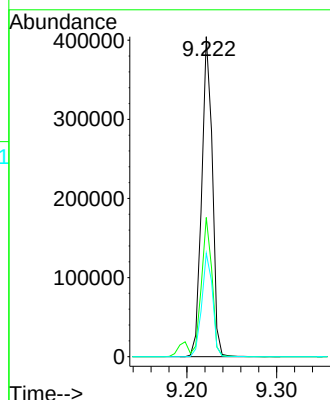
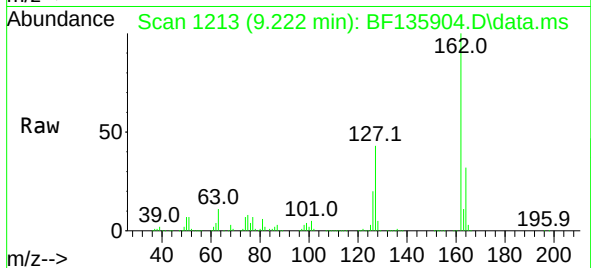
Ion	Ratio	Lower	Upper
162	100		
127	43.5	34.7	52.1
164	32.3	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#48

2-Nitroaniline

Concen: 40.351 ng

RT: 9.333 min Scan# 1232

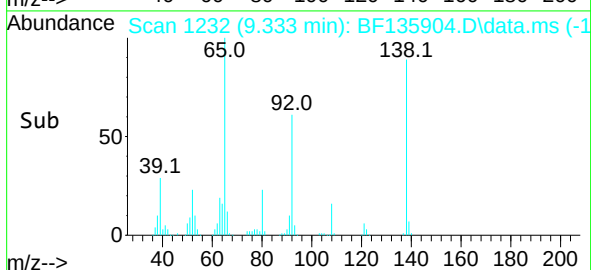
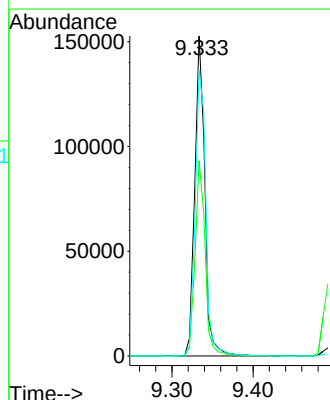
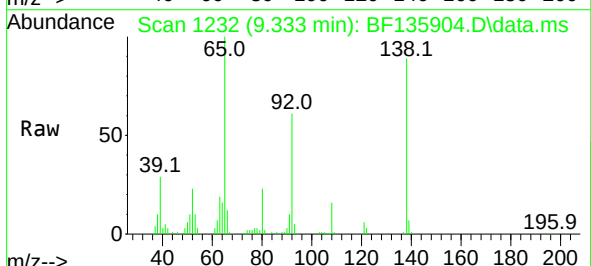
Delta R.T. -0.006 min

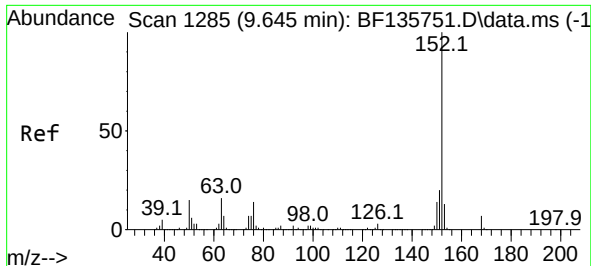
Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Tgt Ion: 65 Resp: 132239

Ion	Ratio	Lower	Upper
65	100		
92	61.0	49.4	74.0
138	89.2	76.6	114.8





#49

Acenaphthylene

Concen: 40.598 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF135904.D

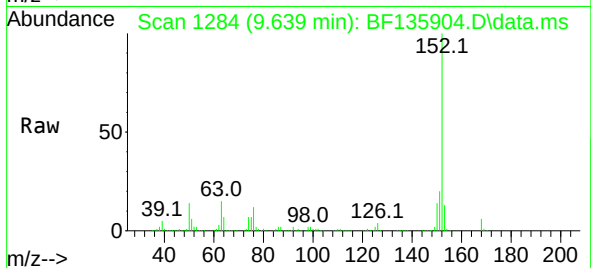
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 557810

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

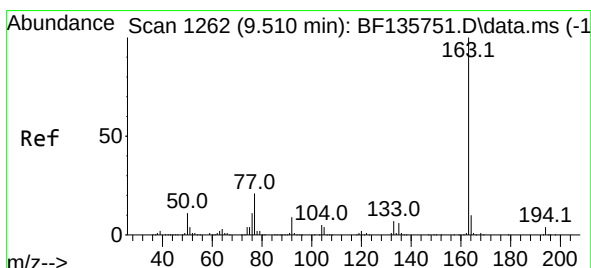
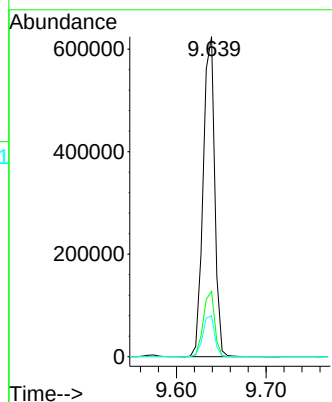
153 12.8 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#50

Dimethylphthalate

Concen: 39.988 ng

RT: 9.504 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

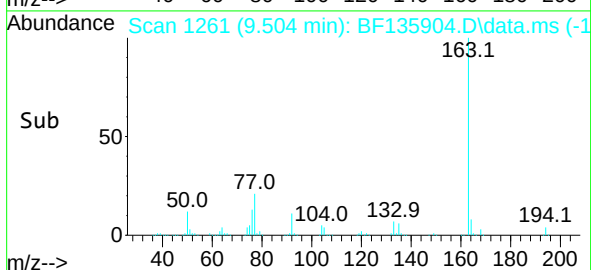
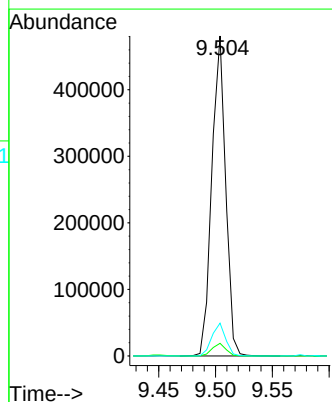
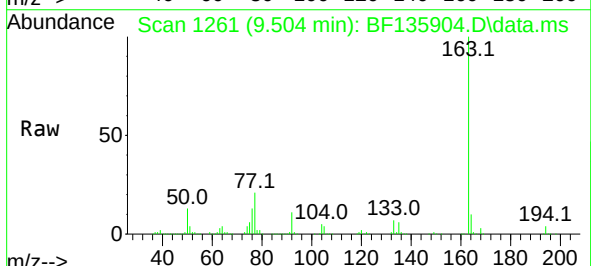
Tgt Ion:163 Resp: 405981

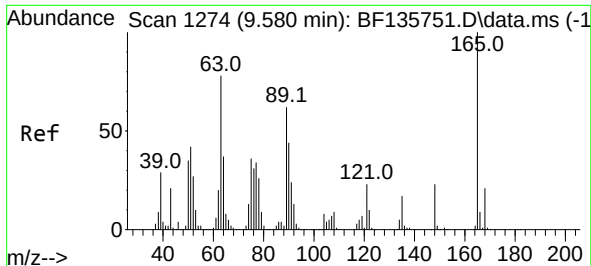
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.2 7.9 11.9





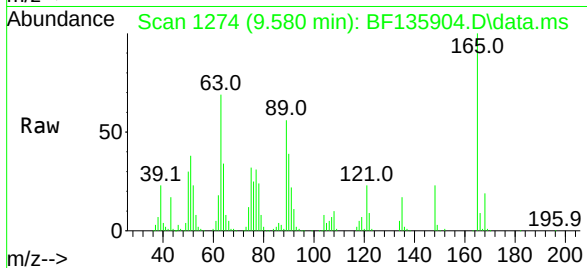
#51
2,6-Dinitrotoluene
Concen: 40.689 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



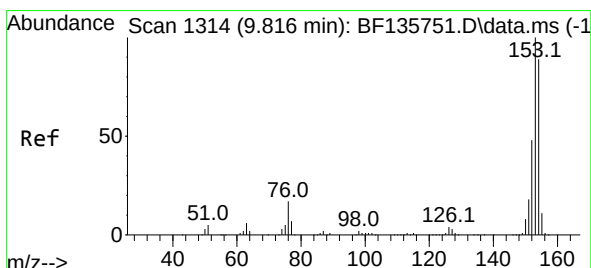
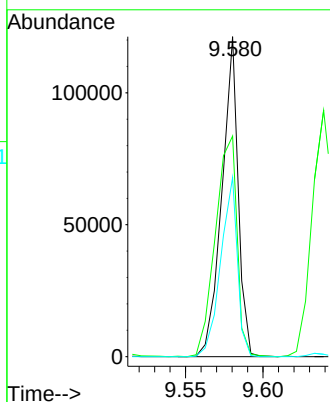
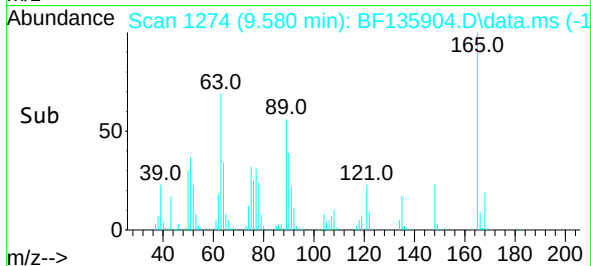
Tgt Ion:165 Resp: 88834
Ion Ratio Lower Upper
165 100
63 68.9 62.2 93.4
89 56.0 49.6 74.4

Manual Integrations

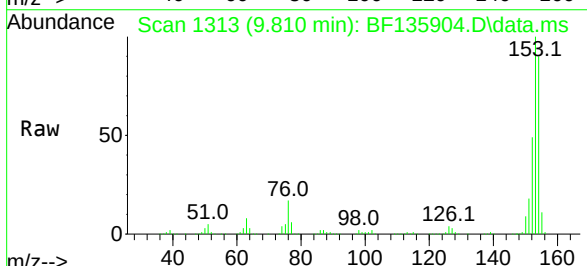
APPROVED

Reviewed By :Yogesh Patel 10/21/2023

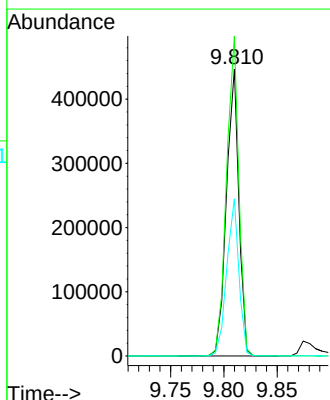
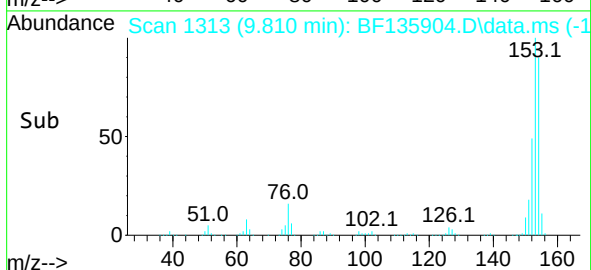
Supervised By :mohammad ahmed 10/21/2023

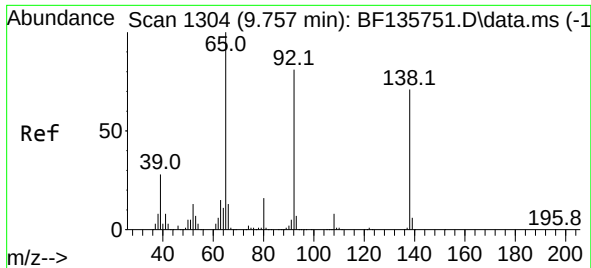


#52
Acenaphthene
Concen: 43.867 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion:154 Resp: 361264
Ion Ratio Lower Upper
154 100
153 111.5 90.1 135.1
152 54.8 43.1 64.7





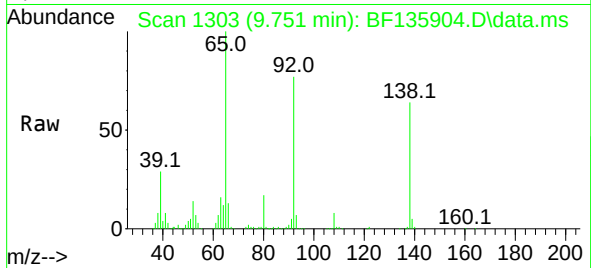
#53
3-Nitroaniline
Concen: 39.941 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



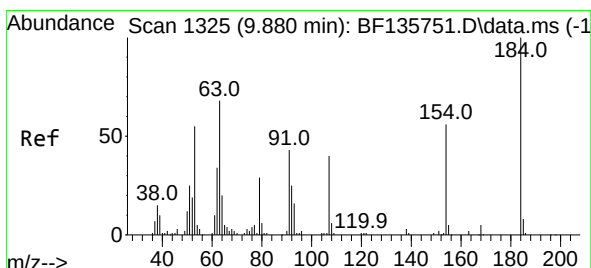
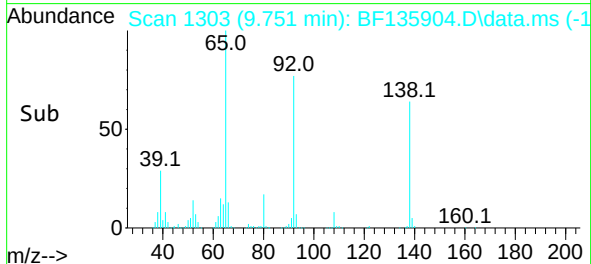
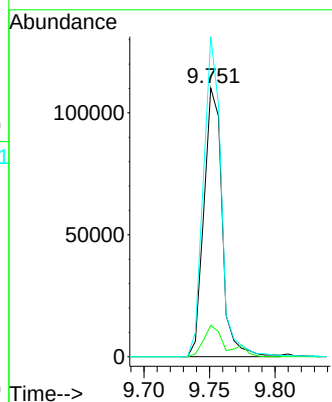
Tgt Ion:138 Resp: 10689
Ion Ratio Lower Upper
138 100
108 11.7 8.6 13.0
92 119.1 91.3 136.9

Manual Integrations

APPROVED

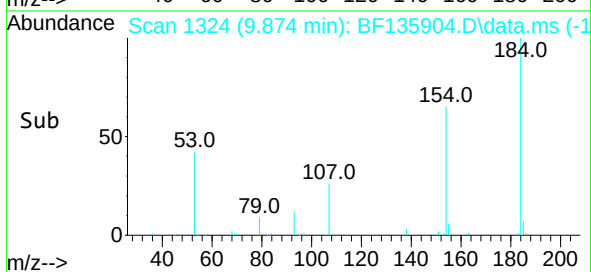
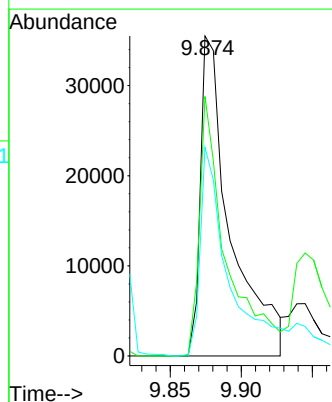
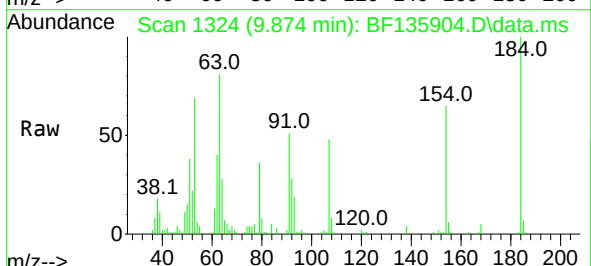
Reviewed By :Yogesh Patel 10/21/2023

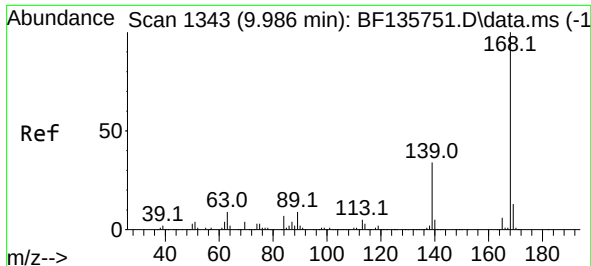
Supervised By :mohammad ahmed 10/21/2023



#54
2,4-Dinitrophenol
Concen: 57.106 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:184 Resp: 52043
Ion Ratio Lower Upper
184 100
63 81.1 54.6 81.8
154 65.2 45.0 67.4





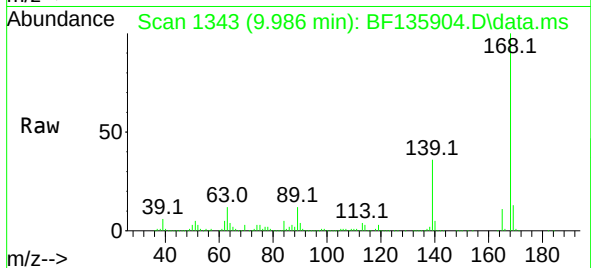
#55
Dibenzenofuran
Concen: 44.319 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



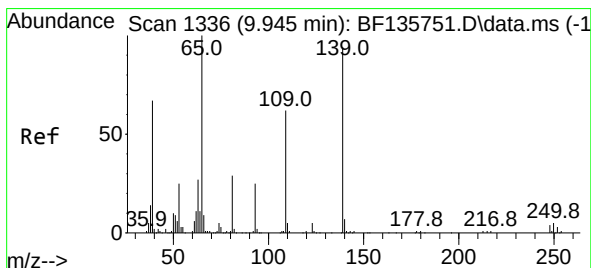
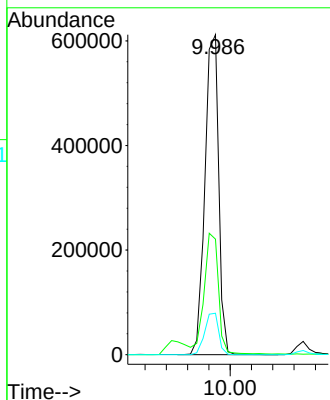
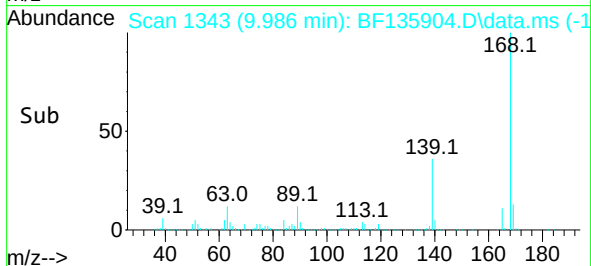
Tgt Ion:168 Resp: 550710
Ion Ratio Lower Upper
168 100
139 36.1 31.0 46.4
169 13.0 10.7 16.1

Manual Integrations

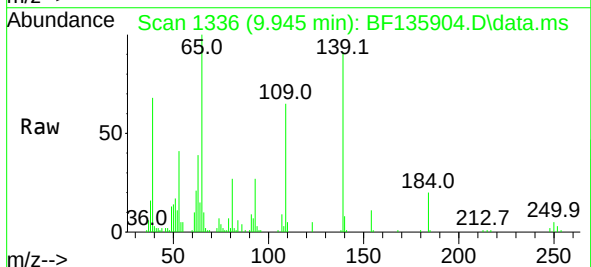
APPROVED

Reviewed By :Yogesh Patel 10/21/2023

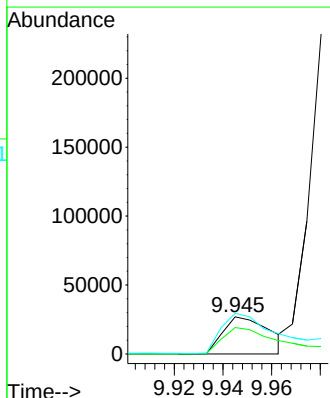
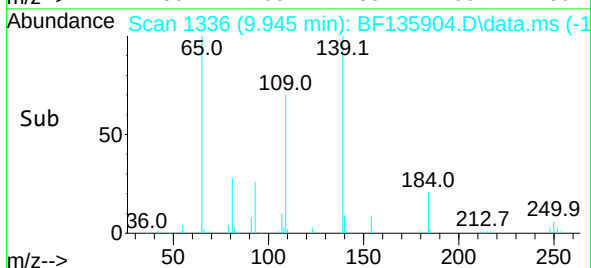
Supervised By :mohammad ahmed 10/21/2023

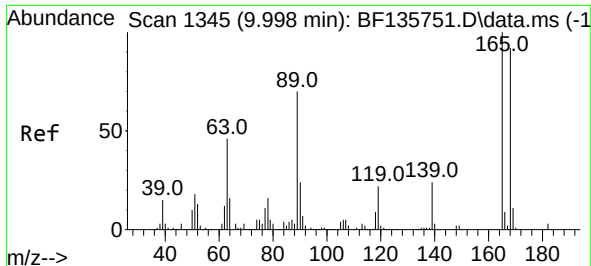


#56
4-Nitrophenol
Concen: 32.207 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion:139 Resp: 35174
Ion Ratio Lower Upper
139 100
109 71.2 45.6 85.6
65 109.6 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 45.822 ng

RT: 9.992 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135904.D

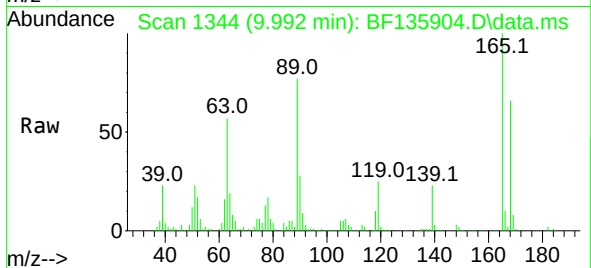
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:165 Resp: 12727

Ion Ratio Lower Upper

165 100

63 56.7 39.0 58.4

89 77.4 55.9 83.9

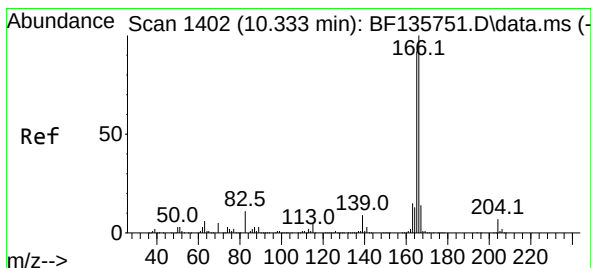
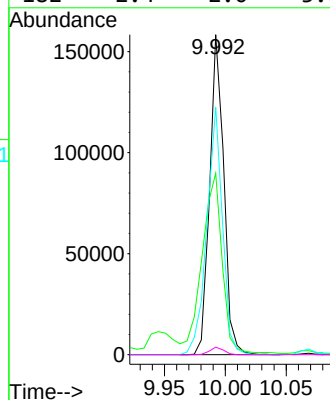
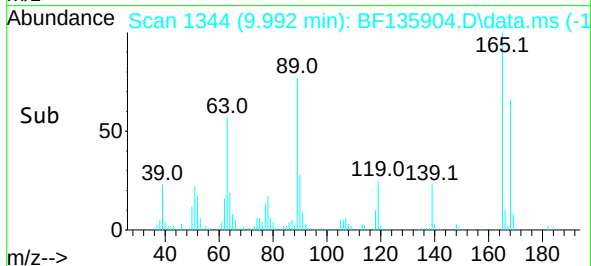
182 2.4 2.0 3.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#58

Fluorene

Concen: 41.416 ng

RT: 10.327 min Scan# 1401

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

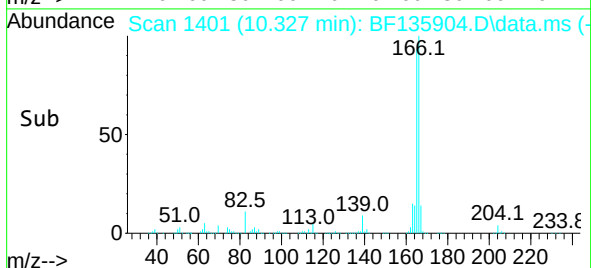
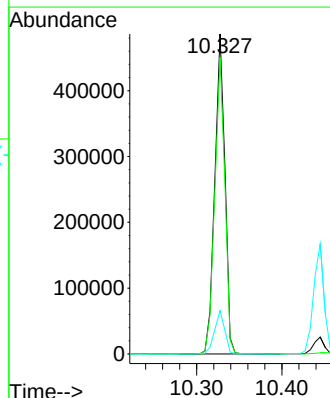
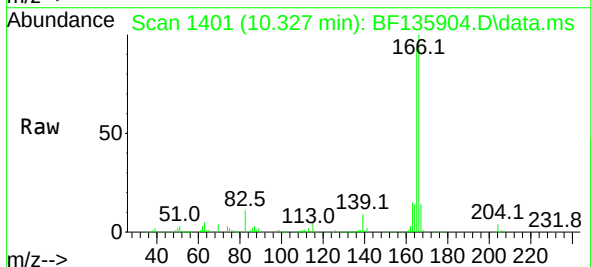
Tgt Ion:166 Resp: 402895

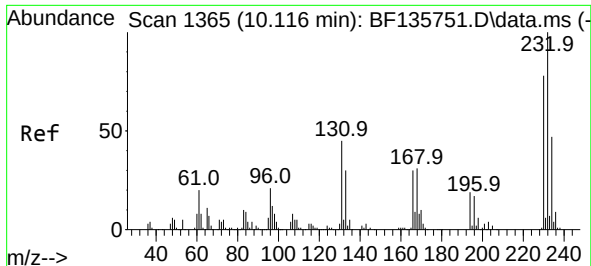
Ion Ratio Lower Upper

166 100

165 92.7 73.4 110.0

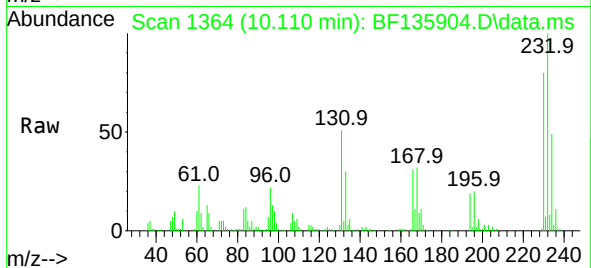
167 13.5 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.401 ng
RT: 10.110 min Scan# 1365
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

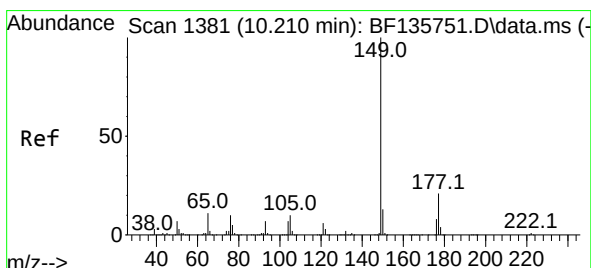
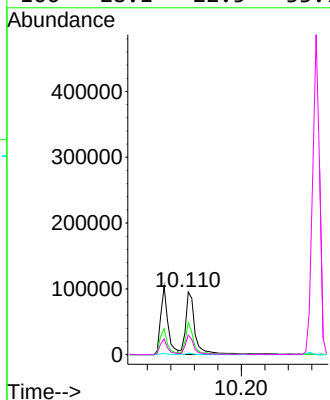
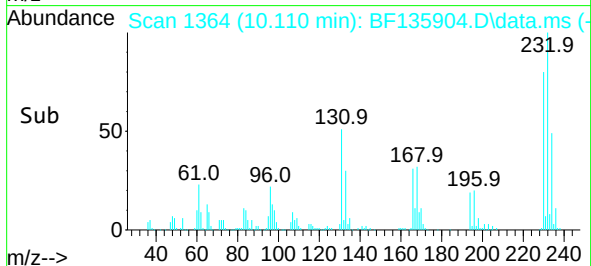
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



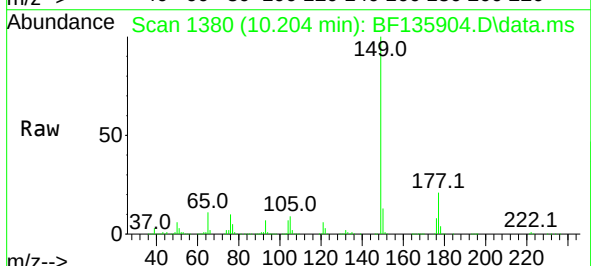
Tgt Ion:232 Resp: 106350
Ion Ratio Lower Upper
232 100
131 44.6 35.8 53.6
130 2.2 1.9 2.9
166 28.1 22.5 33.7

Manual Integrations
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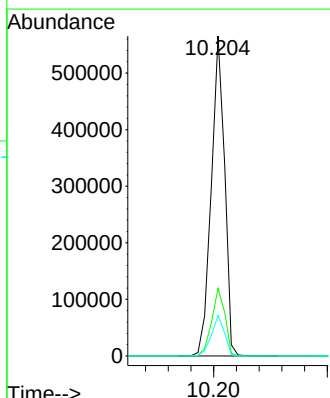
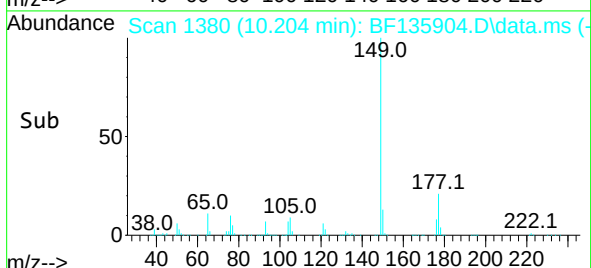
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

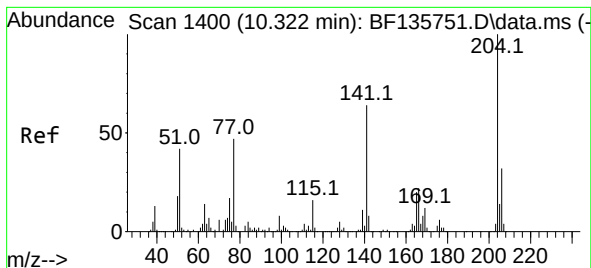


#60
Diethylphthalate
Concen: 44.294 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion:149 Resp: 459083
Ion Ratio Lower Upper
149 100
177 21.2 16.9 25.3
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.975 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

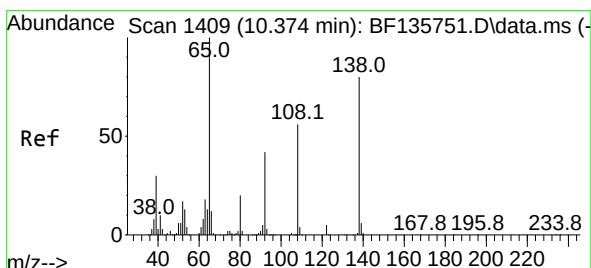
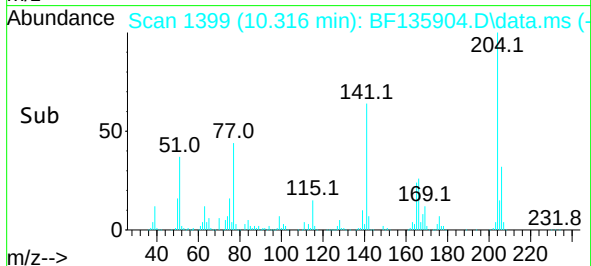
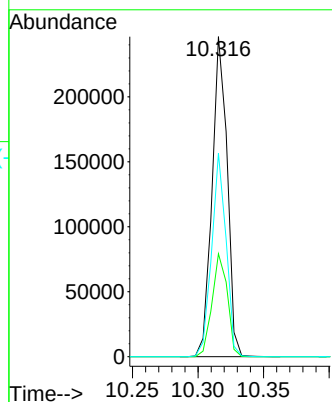
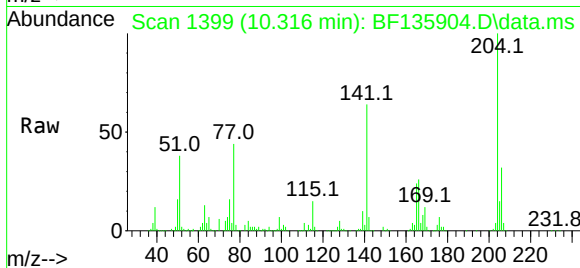
SSTDCCC040

Tgt Ion:204 Resp: 19735
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.6
141 63.6 51.4 77.0

Manual Integrations

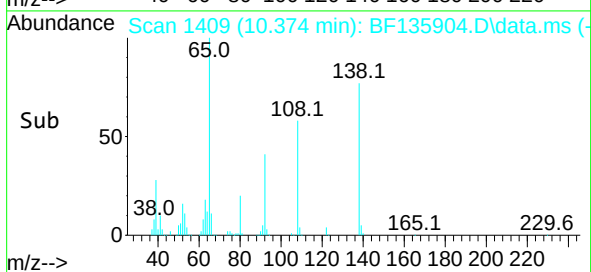
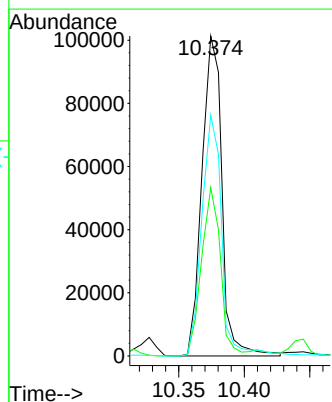
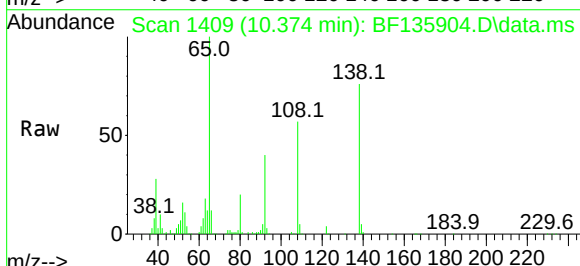
APPROVED

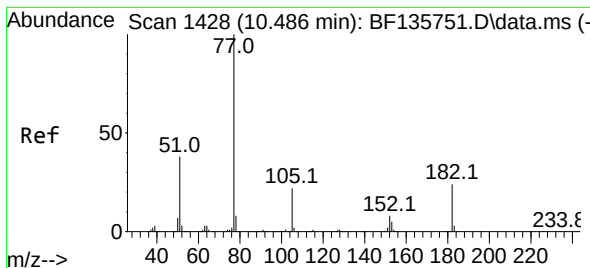
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#62
4-Nitroaniline
Concen: 43.619 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

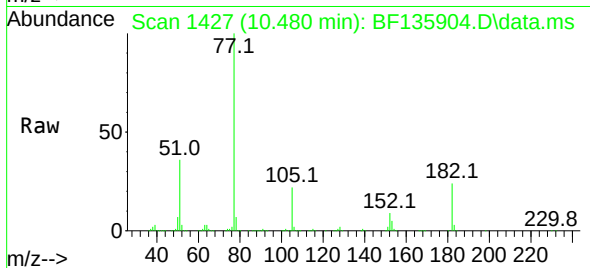
Tgt Ion:138 Resp: 107409
Ion Ratio Lower Upper
138 100
92 52.6 31.9 71.9
108 75.2 49.7 89.7





#63
Azobenzene
Concen: 44.087 ng
RT: 10.480 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

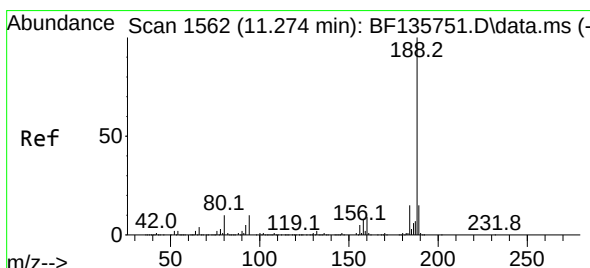
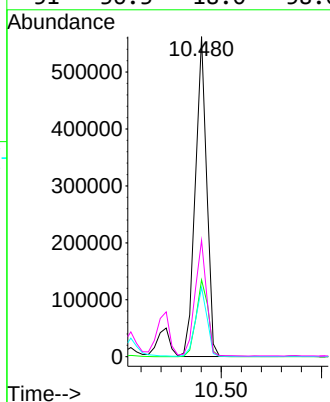
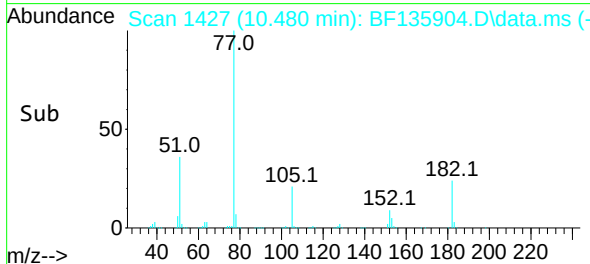
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 443940
Ion Ratio Lower Upper
77 100
182 24.0 3.5 43.5
105 21.6 2.2 42.2
51 36.3 18.0 58.0

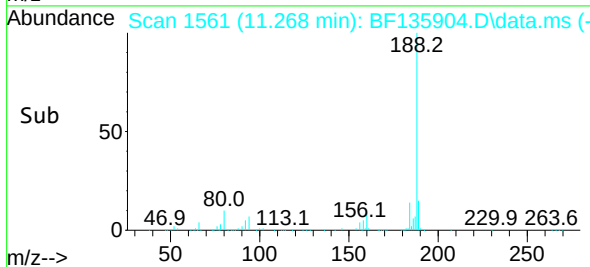
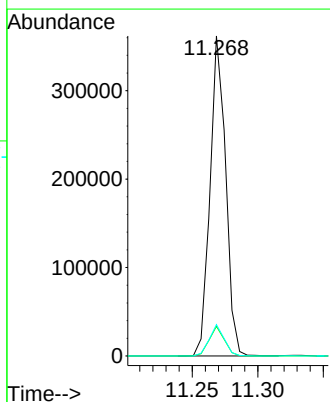
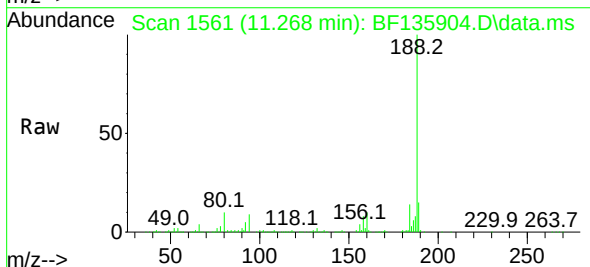
Manual Integrations
APPROVED

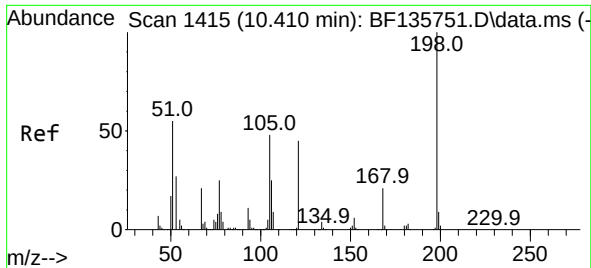
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.268 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:188 Resp: 300698
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.8 8.3 12.5





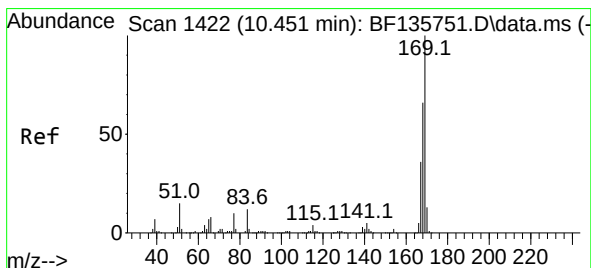
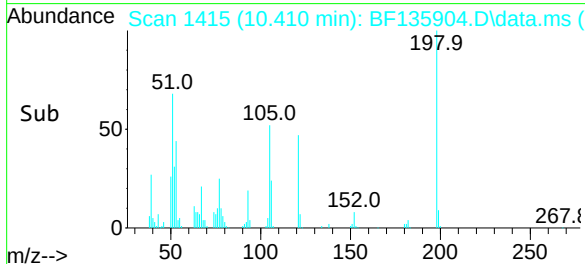
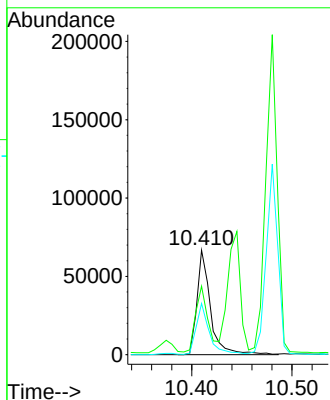
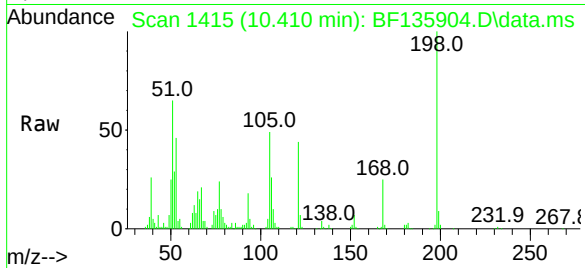
#65
4,6-Dinitro-2-methylphenol
Concen: 41.324 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 62530
Ion Ratio Lower Upper
198 100
51 65.4 47.6 87.6
105 48.9 29.2 69.2

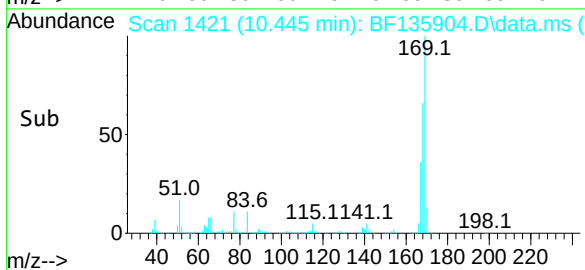
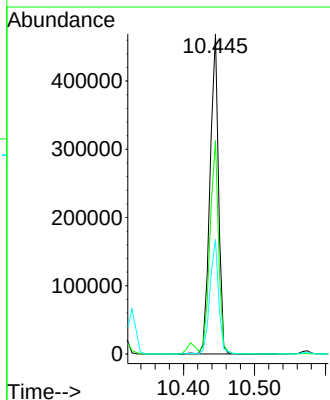
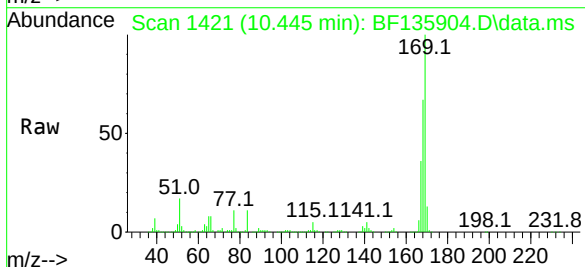
Manual Integrations
APPROVED

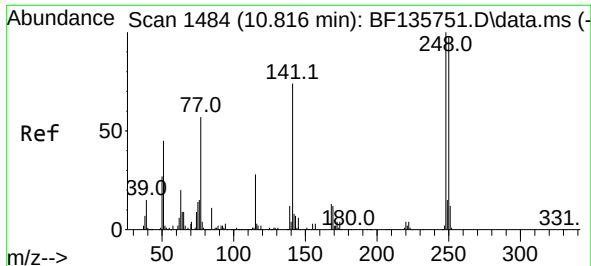
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023



#66
n-Nitrosodiphenylamine
Concen: 42.845 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:169 Resp: 392679
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 35.7 29.2 43.8





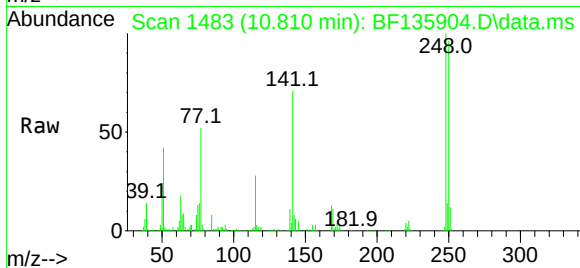
#67
4-Bromophenyl-phenylether
Concen: 42.869 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

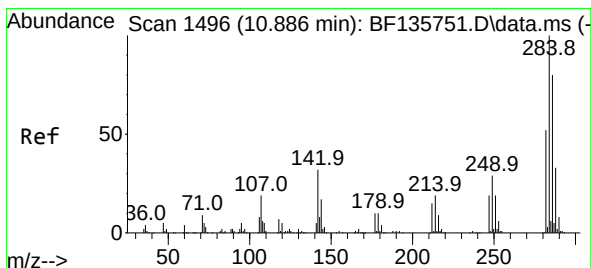
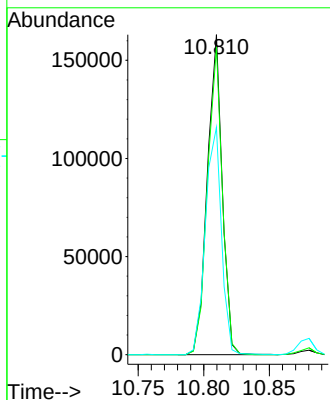
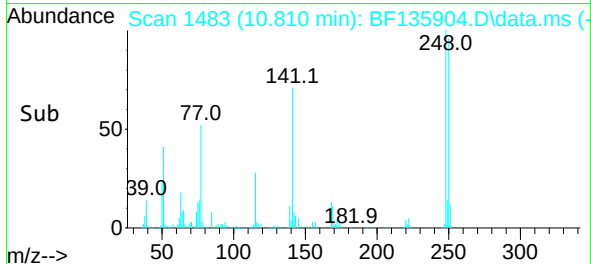


Tgt Ion:248 Resp: 129398
Ion Ratio Lower Upper
248 100
250 96.2 78.0 117.0
141 71.0 59.0 88.6

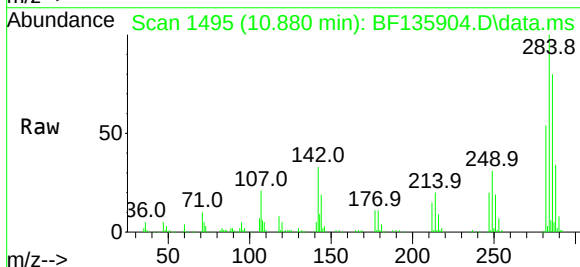
Manual Integrations

APPROVED

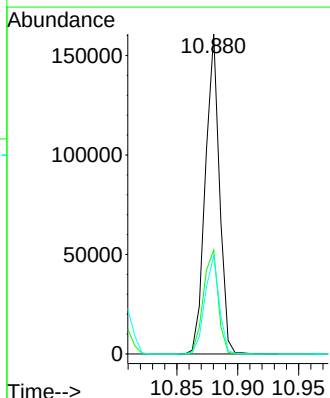
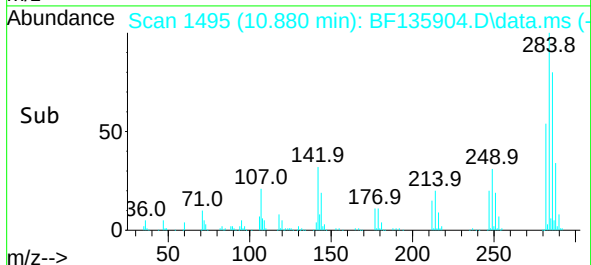
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

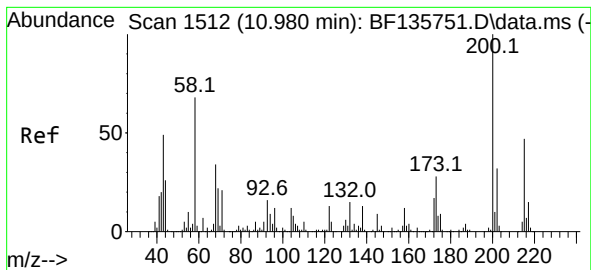


#68
Hexachlorobenzene
Concen: 41.884 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion:284 Resp: 128717
Ion Ratio Lower Upper
284 100
142 32.5 25.3 37.9
249 30.7 23.5 35.3





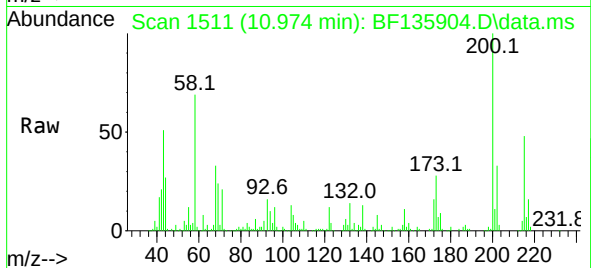
#69
 Atrazine
 Concen: 41.172 ng
 RT: 10.974 min Scan# 1511
 Delta R.T. -0.012 min
 Lab File: BF135904.D
 Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

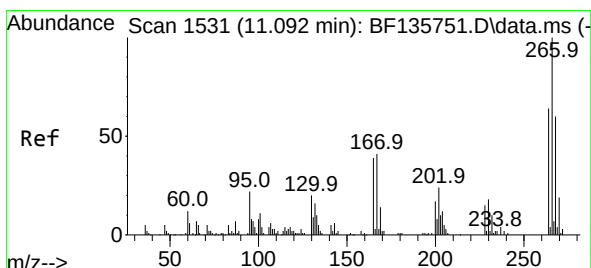
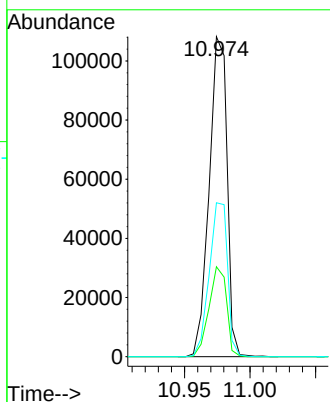
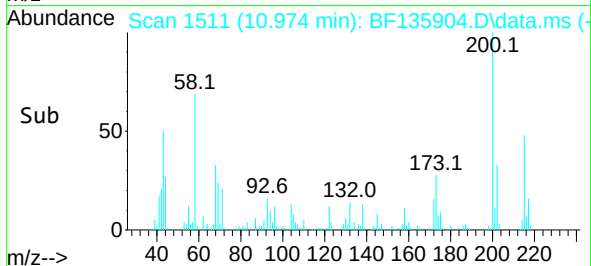


Tgt Ion:200 Resp: 102640
 Ion Ratio Lower Upper
 200 100
 173 28.1 7.6 47.6
 215 48.1 27.1 67.1

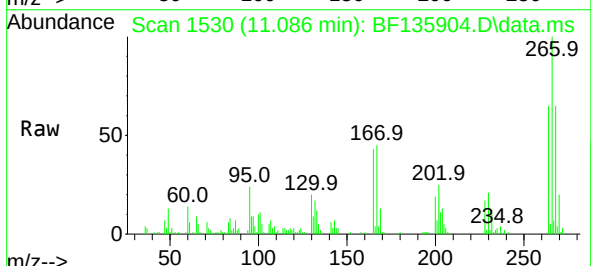
Manual Integrations

APPROVED

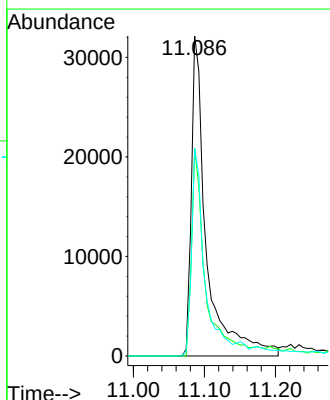
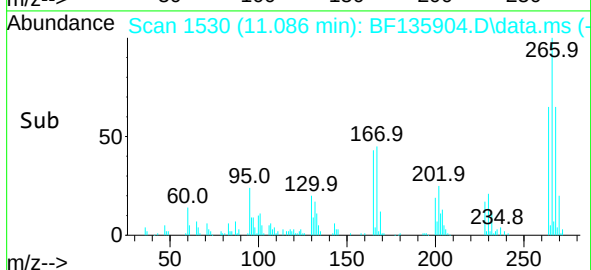
Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023

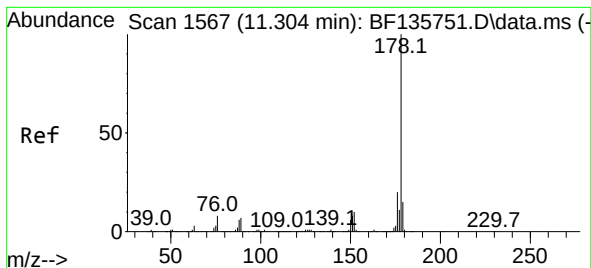


#70
 Pentachlorophenol
 Concen: 39.351 ng
 RT: 11.086 min Scan# 1530
 Delta R.T. -0.006 min
 Lab File: BF135904.D
 Acq: 20 Oct 2023 12:56



Tgt Ion:266 Resp: 47696
 Ion Ratio Lower Upper
 266 100
 268 64.9 47.7 71.5
 264 64.8 51.4 77.2





#71

Phenanthrene

Concen: 41.818 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 602370

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

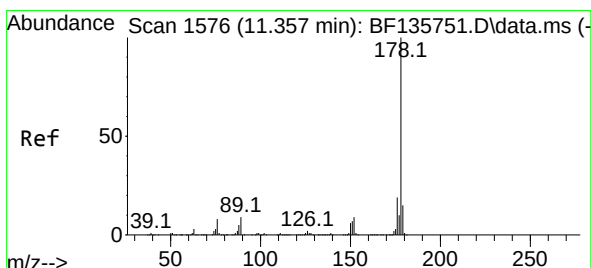
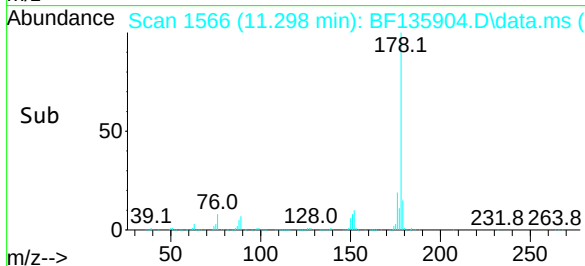
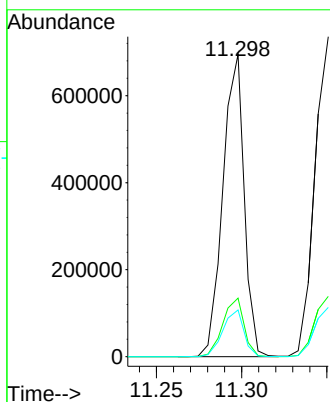
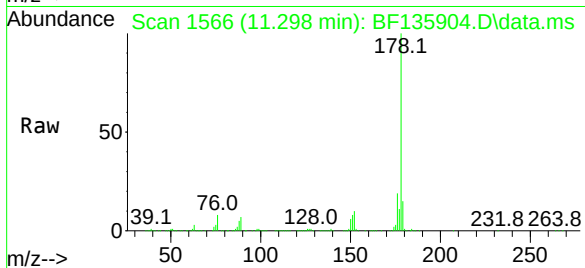
179 15.5 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#72

Anthracene

Concen: 41.438 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

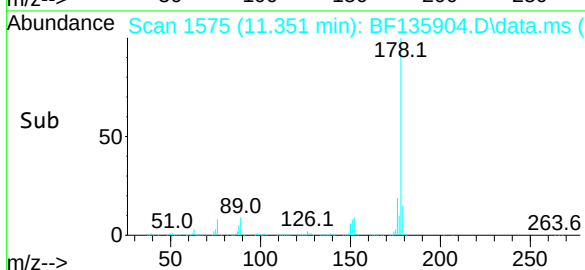
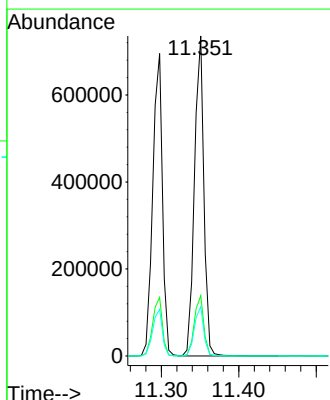
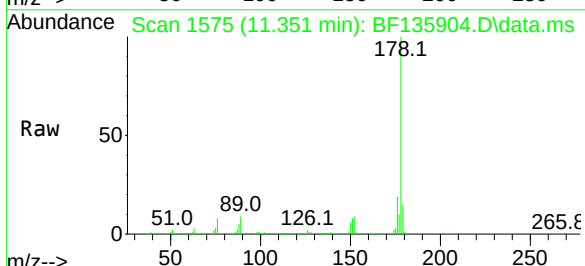
Tgt Ion:178 Resp: 618543

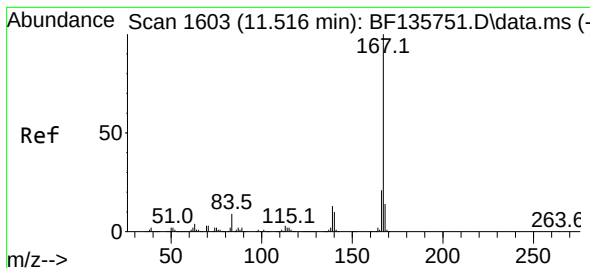
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

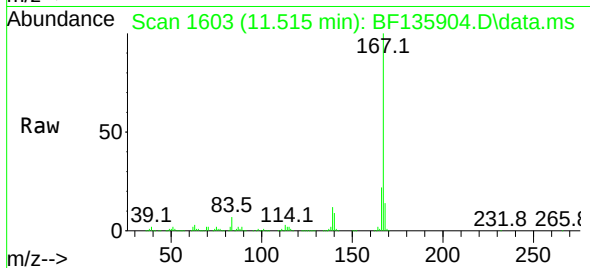
179 15.4 12.3 18.5





#73
 Carbazole
 Concen: 41.263 ng
 RT: 11.515 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF135904.D
 Acq: 20 Oct 2023 12:56

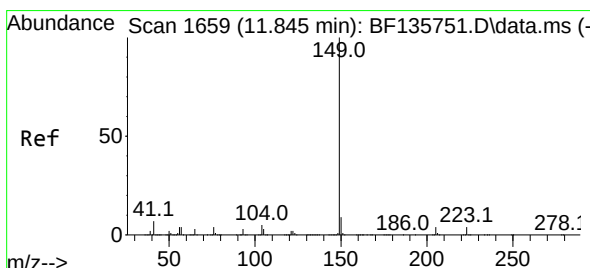
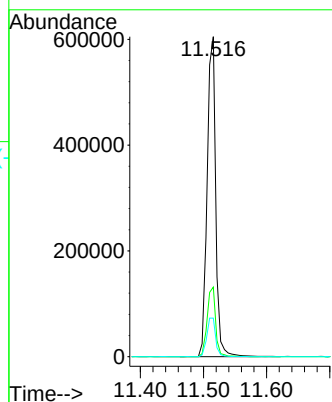
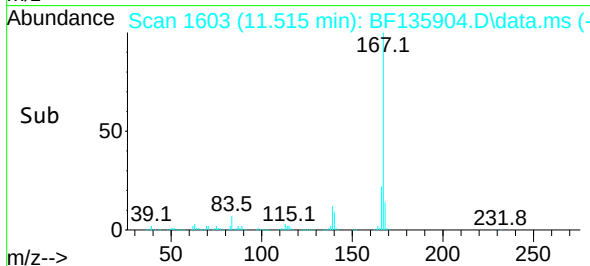
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



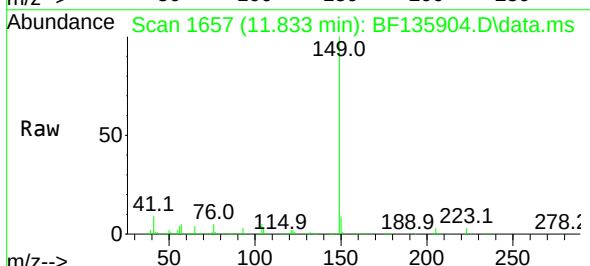
Tgt Ion:167 Resp: 574434
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.1 10.2 15.4

Manual Integrations
 APPROVED

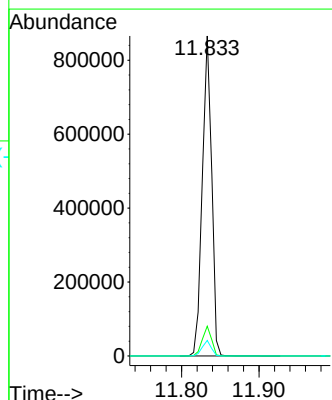
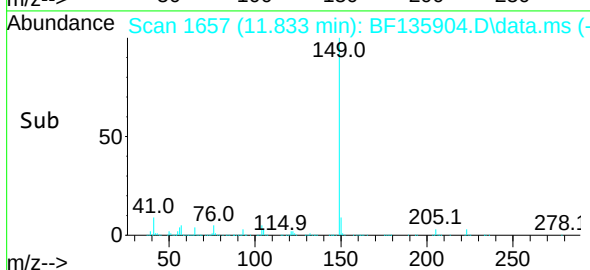
Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023

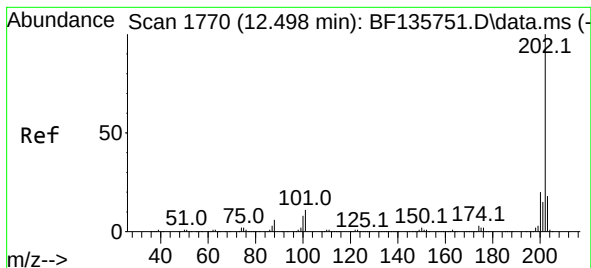


#74
 Di-n-butylphthalate
 Concen: 42.388 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. -0.012 min
 Lab File: BF135904.D
 Acq: 20 Oct 2023 12:56



Tgt Ion:149 Resp: 724500
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.9 3.7 5.5





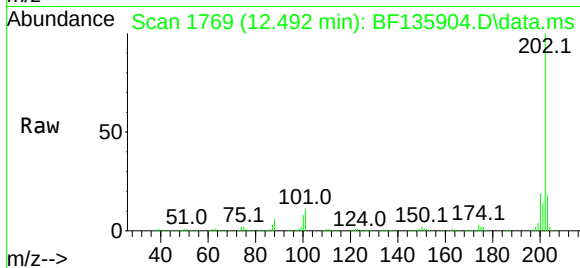
#75
Fluoranthene
Concen: 41.329 ng
RT: 12.492 min Scan# 1769
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

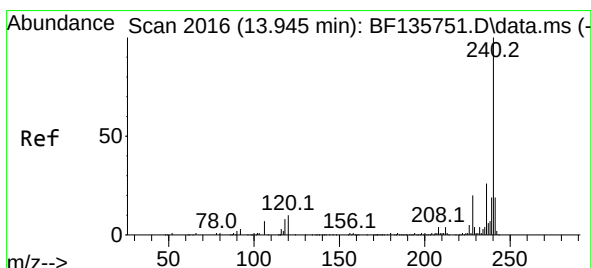
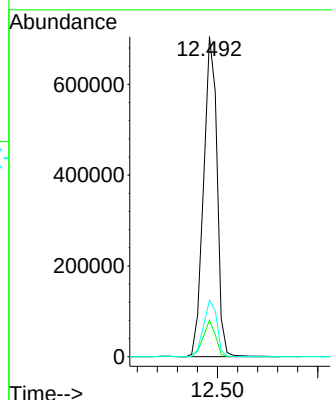
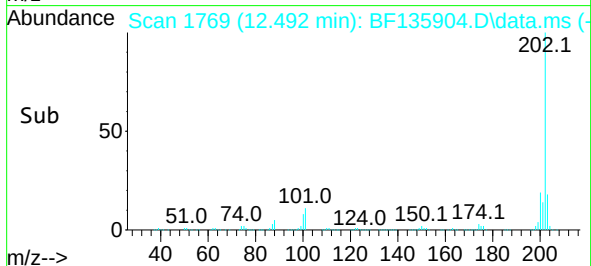


Tgt Ion:202 Resp: 660740
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.5
203 17.7 0.0 38.3

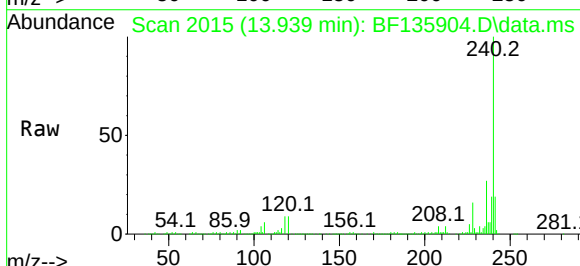
Manual Integrations

APPROVED

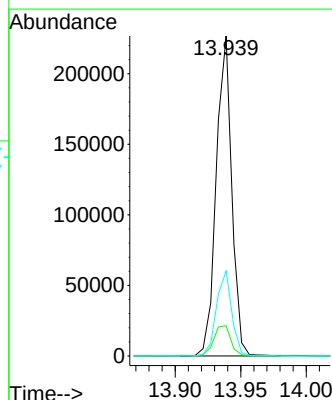
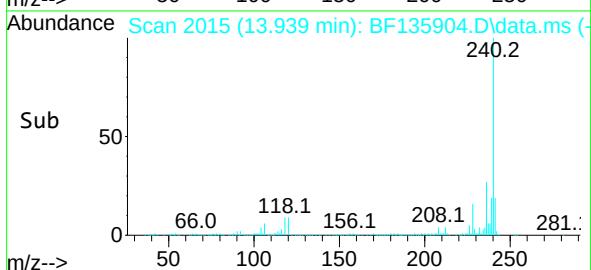
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

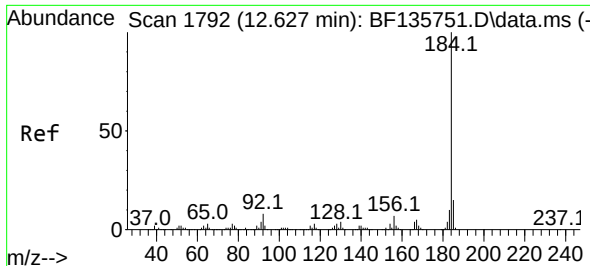


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



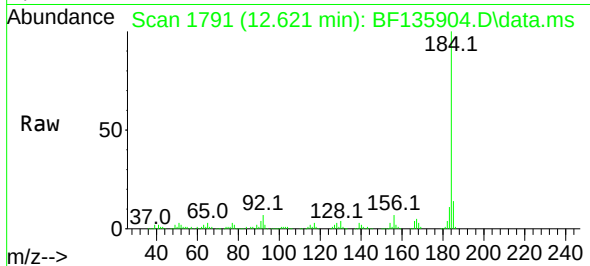
Tgt Ion:240 Resp: 186584
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.2
236 26.6 21.2 31.8





#77
Benzidine
Concen: 41.217 ng
RT: 12.621 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

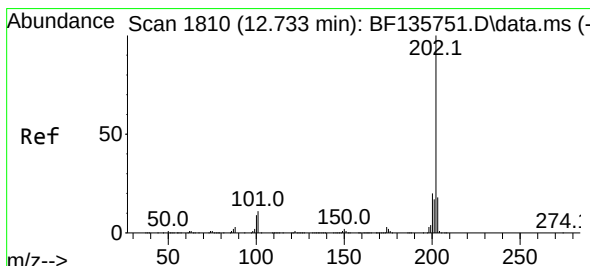
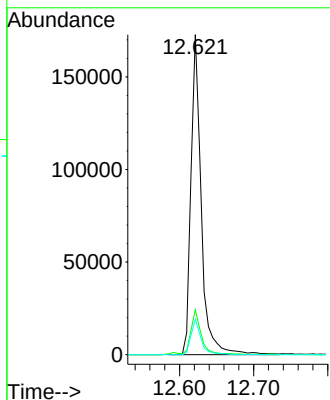
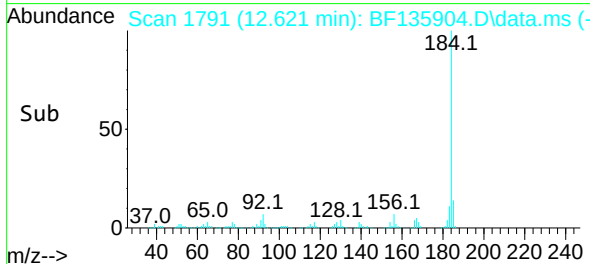
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



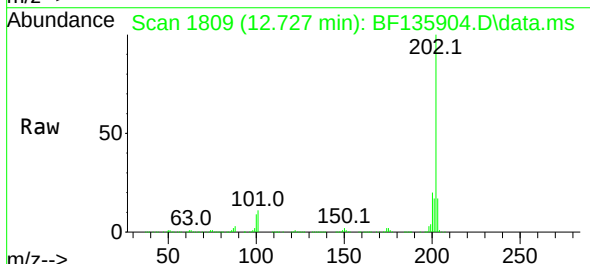
Tgt Ion:184 Resp: 16781
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 11.0 8.2 12.2

Manual Integrations
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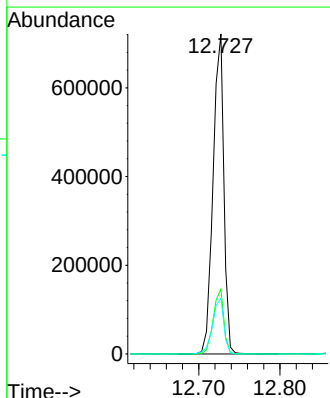
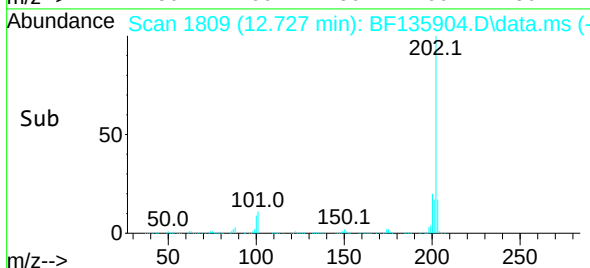
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

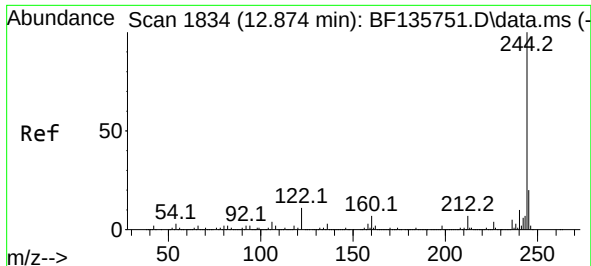


#78
Pyrene
Concen: 44.699 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion:202 Resp: 662746
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.3 14.2 21.2





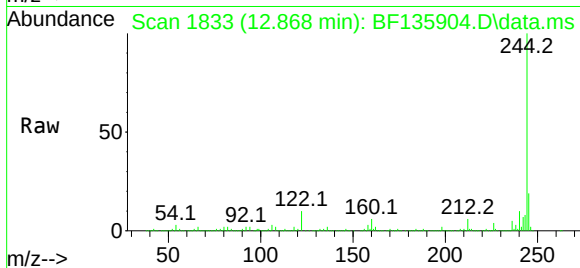
#79
 Terphenyl-d14
 Concen: 92.774 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135904.D
 Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

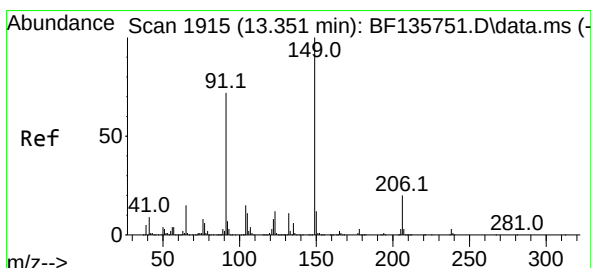
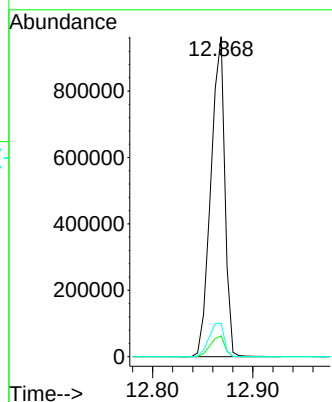
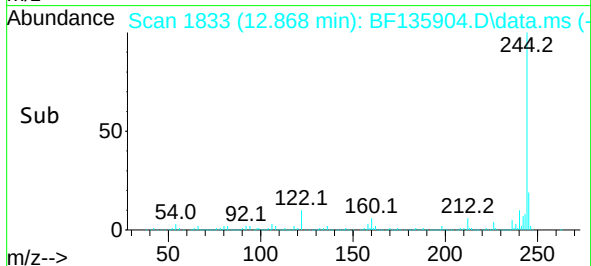


Tgt Ion:244 Resp: 934718
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.5 9.0 13.6

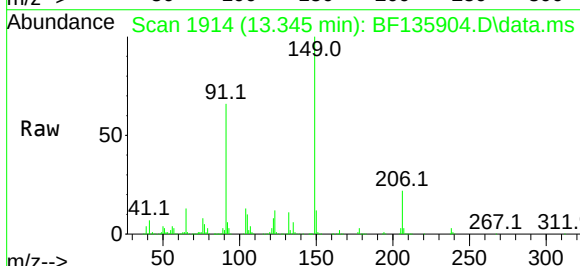
Manual Integrations

APPROVED

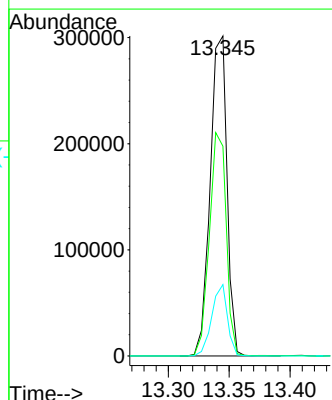
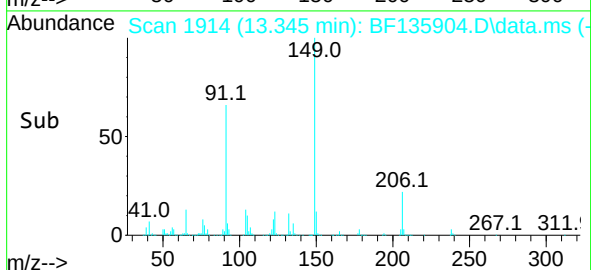
Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023

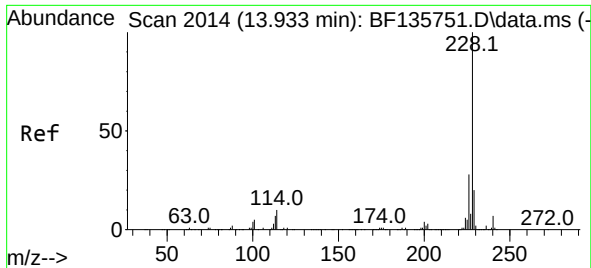


#80
 Butylbenzylphthalate
 Concen: 44.507 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.012 min
 Lab File: BF135904.D
 Acq: 20 Oct 2023 12:56



Tgt Ion:149 Resp: 289982
 Ion Ratio Lower Upper
 149 100
 91 65.6 57.4 86.0
 206 22.3 16.2 24.4





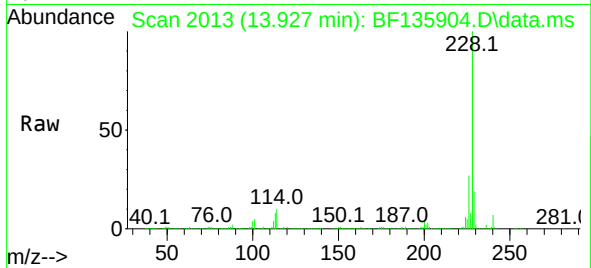
#81
Benzo(a)anthracene
Concen: 42.379 ng
RT: 13.927 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



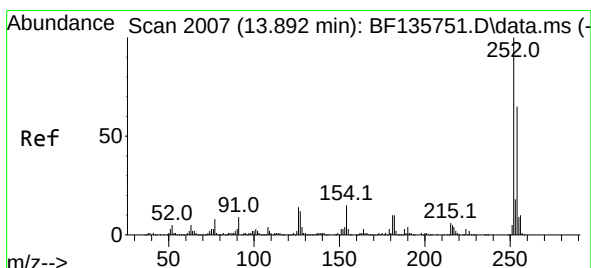
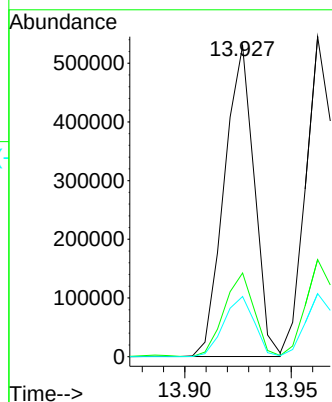
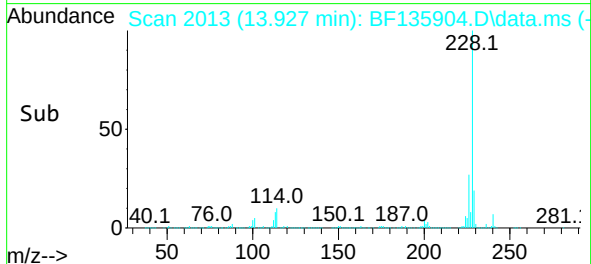
Tgt Ion:228 Resp: 519379
Ion Ratio Lower Upper
228 100
226 26.9 22.2 33.2
229 19.3 16.1 24.1

Manual Integrations

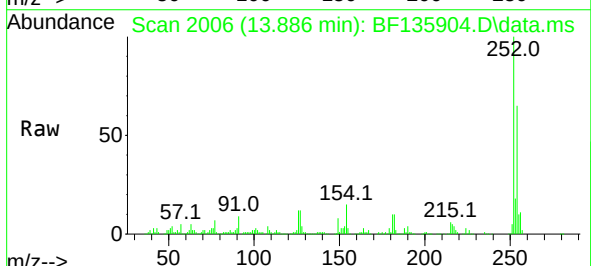
APPROVED

Reviewed By :Yogesh Patel 10/21/2023

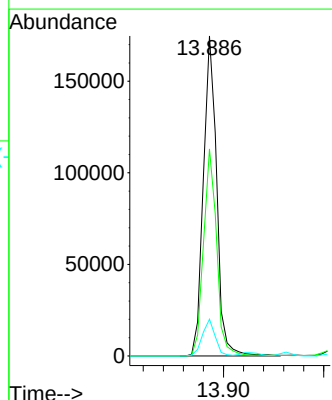
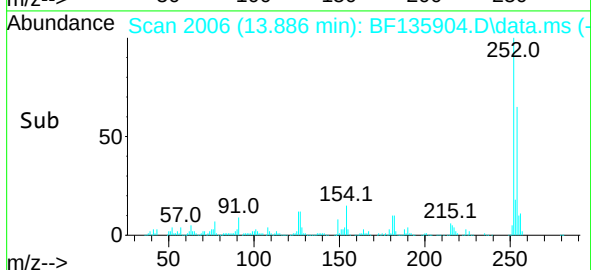
Supervised By :mohammad ahmed 10/21/2023

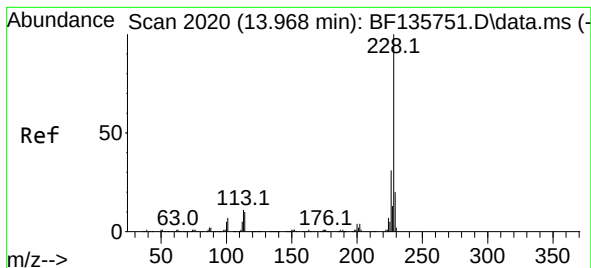


#82
3,3'-Dichlorobenzidine
Concen: 39.844 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion:252 Resp: 161947
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 11.5 11.0 16.4





#83

Chrysene

Concen: 40.772 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

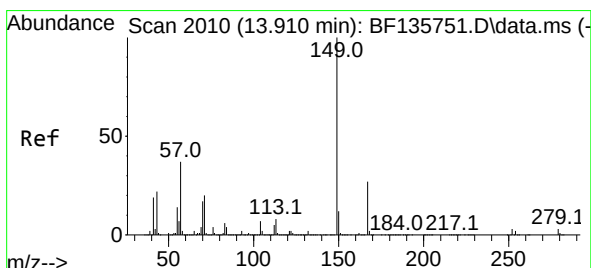
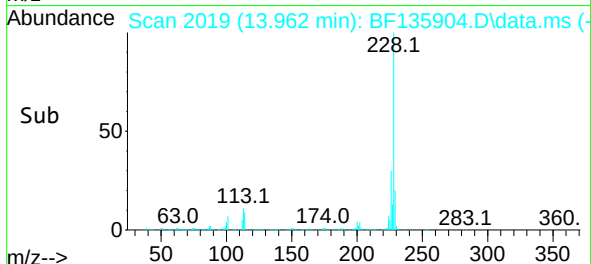
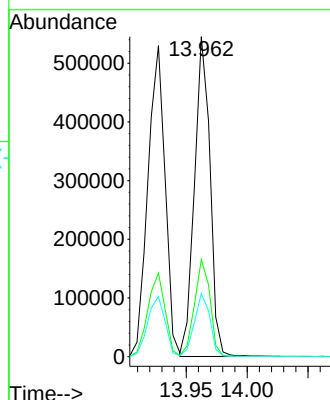
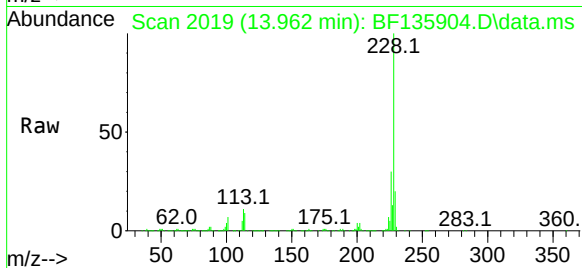
Tgt Ion:228 Resp: 48398
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 19.7 15.7 23.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.487 ng

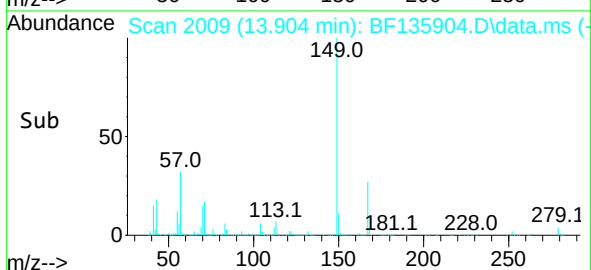
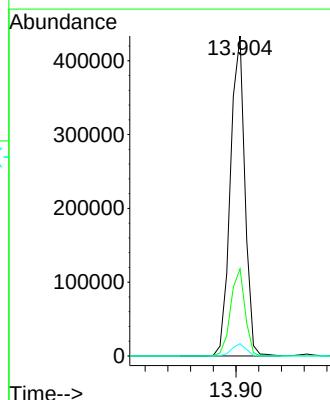
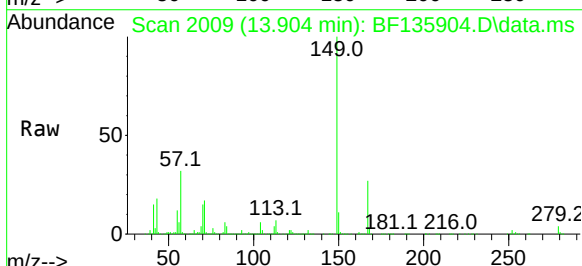
RT: 13.904 min Scan# 2009

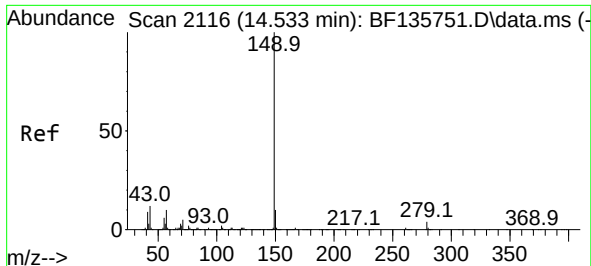
Delta R.T. -0.012 min

Lab File: BF135904.D

Acq: 20 Oct 2023 12:56

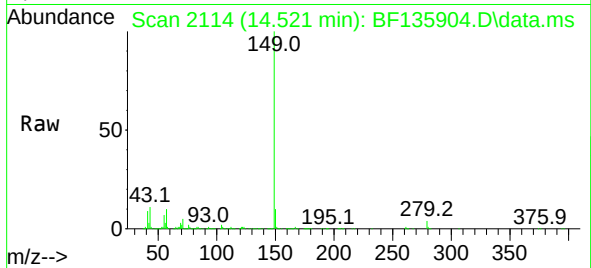
Tgt Ion:149 Resp: 384018
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 3.8 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 38.184 ng
RT: 14.521 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

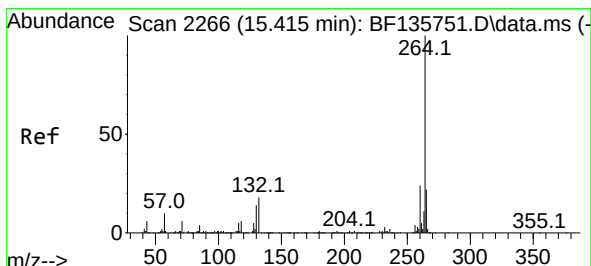
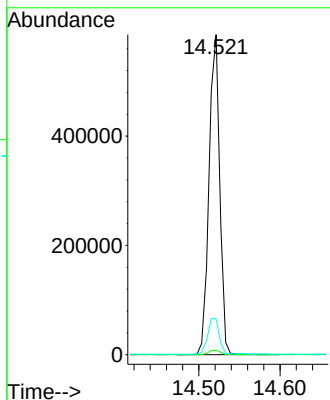
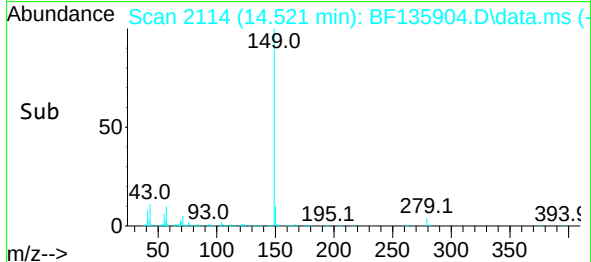
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



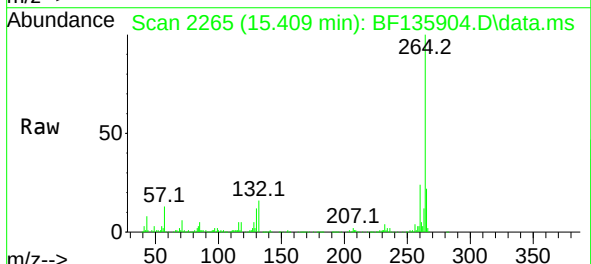
Tgt Ion:149 Resp: 534688
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.1 10.1 15.1

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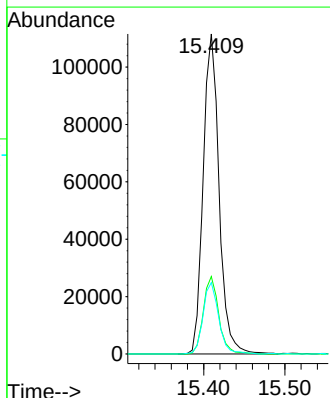
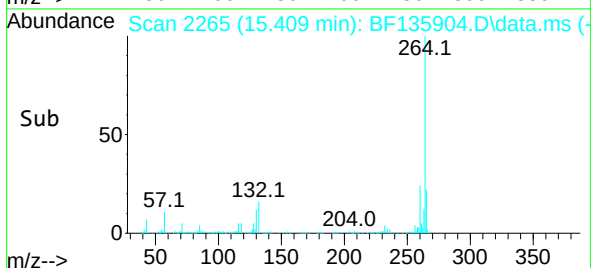
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

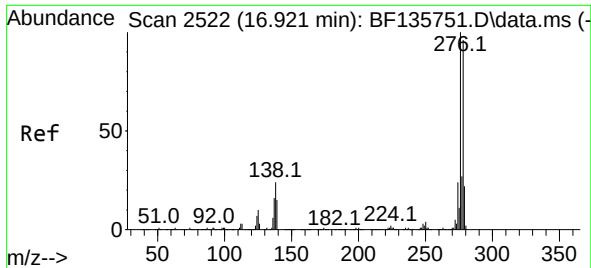


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion:264 Resp: 151334
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.3 17.4 26.2





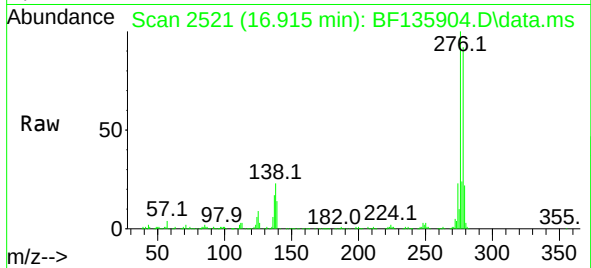
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.922 ng
RT: 16.915 min Scan# 2191
Delta R.T. -0.018 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

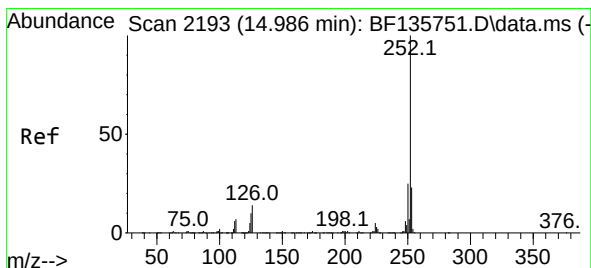
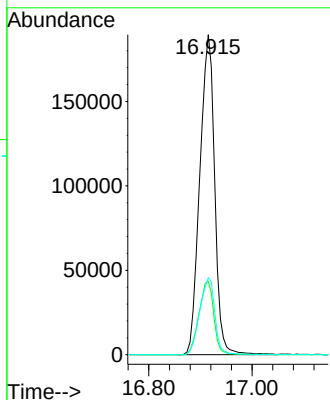
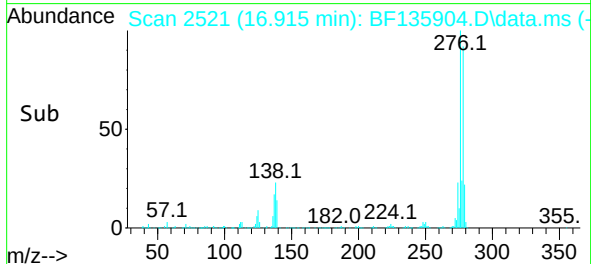


Tgt Ion:276 Resp: 378668
Ion Ratio Lower Upper
276 100
138 22.9 19.8 29.6
277 24.4 20.2 30.4

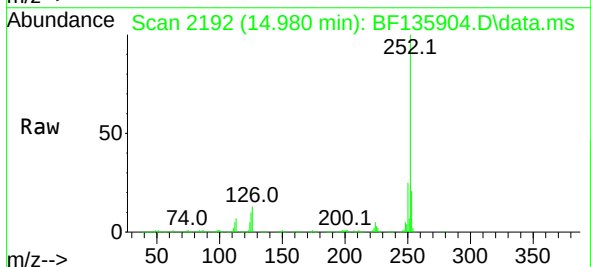
Manual Integrations

APPROVED

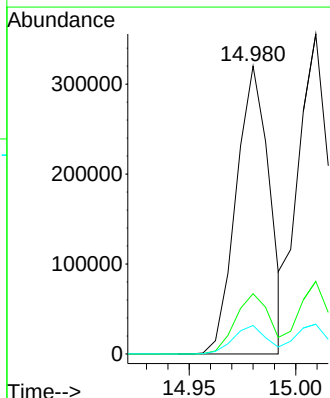
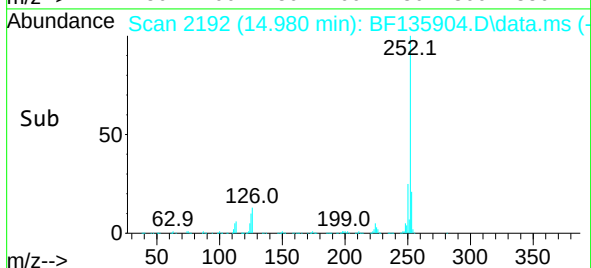
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

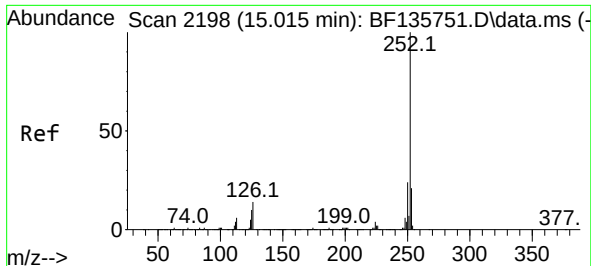


#88
Benzo(b)fluoranthene
Concen: 41.044 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion:252 Resp: 347627
Ion Ratio Lower Upper
252 100
253 21.0 18.2 27.2
125 9.9 8.2 12.2





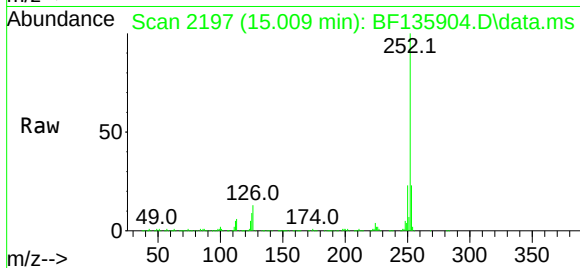
#89
Benzo(k)fluoranthene
Concen: 44.447 ng
RT: 15.009 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

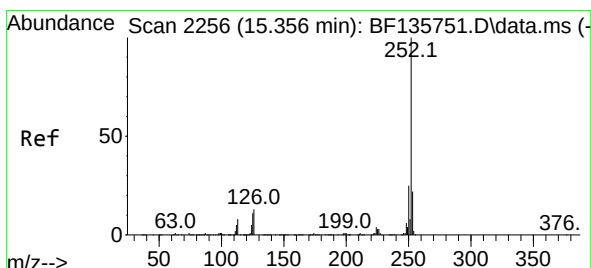
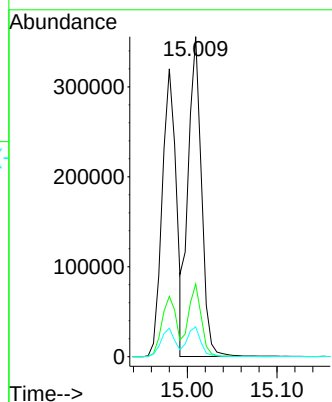
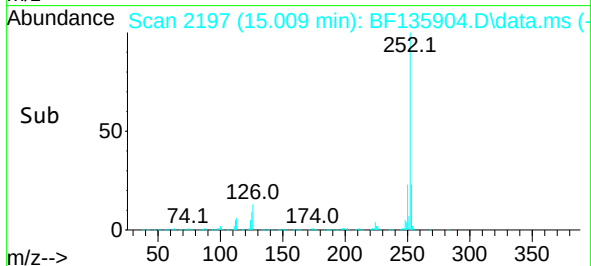


Tgt Ion:252 Resp: 365480
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 9.3 8.3 12.5

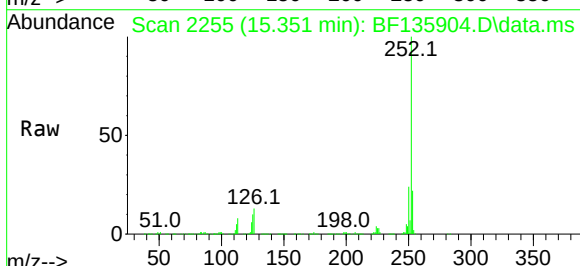
Manual Integrations

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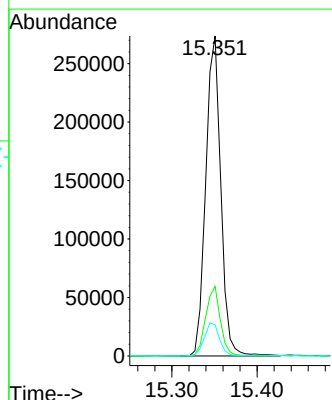
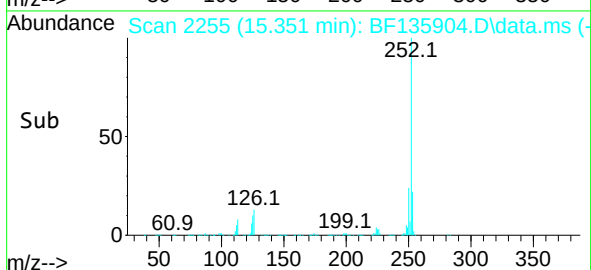
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

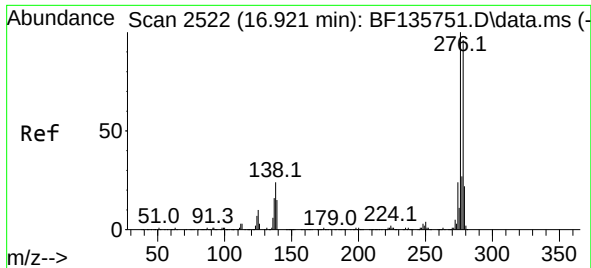


#90
Benzo(a)pyrene
Concen: 42.070 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.012 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56



Tgt Ion:252 Resp: 335061
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.7 8.8 13.2





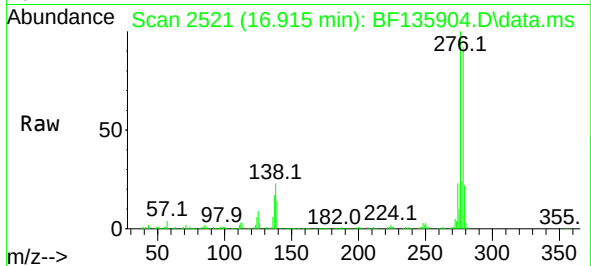
#91
Dibenzo(a,h)anthracene
Concen: 46.209 ng
RT: 16.915 min Scan# 2521
Delta R.T. -0.024 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



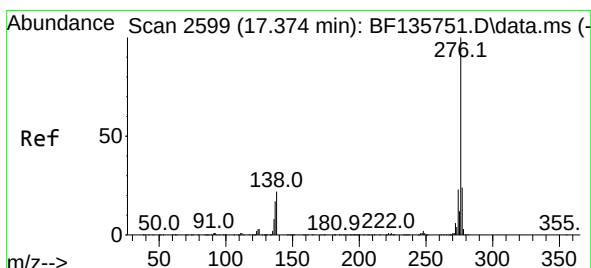
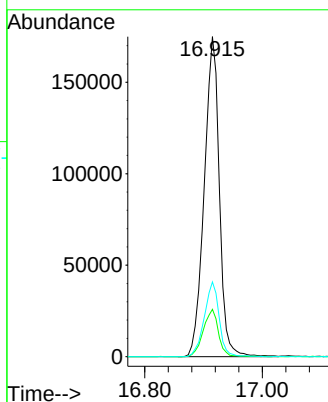
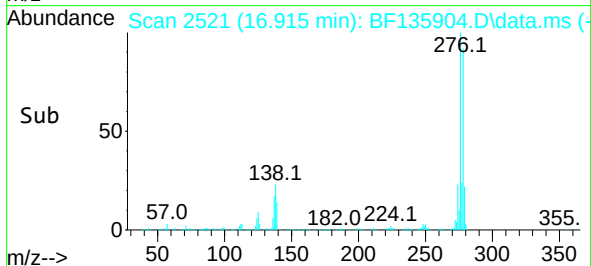
Tgt Ion:278 Resp: 312359
Ion Ratio Lower Upper
278 100
139 14.8 12.5 18.7
279 23.4 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad ahmed 10/21/2023



#92
Benzo(g,h,i)perylene
Concen: 46.086 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF135904.D
Acq: 20 Oct 2023 12:56

Tgt Ion:276 Resp: 320002
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.2
138 19.7 17.3 25.9

