

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135622.D
 Acq On : 06 Oct 2023 11:22
 Operator : CG\JU
 Sample : PB156122BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156122BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

Quant Time: Oct 06 11:47:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	150645	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	612786	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	309912	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	616554	20.000	ng	0.00
76) Chrysene-d12	13.933	240	341616	20.000	ng	0.00
86) Perylene-d12	15.398	264	282657	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	1090670	117.755	ng	0.02
7) Phenol-d6	6.398	99	1330406	112.962	ng	0.01
23) Nitrobenzene-d5	7.310	82	883498	78.331	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	339804	110.334	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	1479302	72.016	ng	0.00
79) Terphenyl-d14	12.868	244	1627825	73.868	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	151016	37.193	ng	97
3) Pyridine	3.304	79	379100	34.691	ng	95
4) n-Nitrosodimethylamine	3.251	42	261991	45.178	ng	99
6) Aniline	6.410	93	418854	27.121	ng	# 1
8) 2-Chlorophenol	6.534	128	442524	44.756	ng	96
9) Benzaldehyde	6.298	77	106279	15.840	ng	98
10) Phenol	6.410	94	514837	39.865	ng	84
11) bis(2-Chloroethyl)ether	6.481	93	427056	44.084	ng	98
12) 1,3-Dichlorobenzene	6.681	146	423380	42.134	ng	97
13) 1,4-Dichlorobenzene	6.757	146	435030	42.552	ng	99
14) 1,2-Dichlorobenzene	6.910	146	403852	42.537	ng	97
15) Benzyl Alcohol	6.892	79	365333	43.228	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	777648	42.588	ng	57
17) 2-Methylphenol	7.010	107	353017	40.459	ng	# 92
18) Hexachloroethane	7.245	117	166928	44.191	ng	96
19) n-Nitroso-di-n-propyla...	7.163	70	292049	40.034	ng	96
20) 3+4-Methylphenols	7.169	107	443742	42.294	ng	# 64
22) Acetophenone	7.157	105	581393	41.499	ng	94
24) Nitrobenzene	7.328	77	475023	42.610	ng	99
25) Isophorone	7.569	82	873604	42.180	ng	98
26) 2-Nitrophenol	7.645	139	242534	45.329	ng	95
27) 2,4-Dimethylphenol	7.686	122	379543	42.201	ng	96
28) bis(2-Chloroethoxy)met...	7.775	93	543077	43.809	ng	100
29) 2,4-Dichlorophenol	7.892	162	364491	43.737	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	371596	42.660	ng	99
31) Naphthalene	8.039	128	1234099	41.450	ng	99
32) Benzoic acid	7.845	122	288379	42.582	ng	99
33) 4-Chloroaniline	8.098	127	293516	22.469	ng	98
34) Hexachlorobutadiene	8.151	225	202540	38.562	ng	98
35) Caprolactam	8.486	113	111518m	39.872	ng	
36) 4-Chloro-3-methylphenol	8.598	107	391111	42.227	ng	98
37) 2-Methylnaphthalene	8.733	142	767497	38.349	ng	100
38) 1-Methylnaphthalene	8.833	142	728827	38.897	ng	98
40) 1,2,4,5-Tetrachloroben...	8.904	216	360542	40.157	ng	99
41) Hexachlorocyclopentadiene	8.880	237	158825	43.825	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	243651	41.448	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	258647	38.206	ng	98
46) 1,1'-Biphenyl	9.204	154	958862	40.261	ng	98
47) 2-Chloronaphthalene	9.227	162	733799	42.465	ng	100
48) 2-Nitroaniline	9.333	65	298104	44.405	ng	94
49) Acenaphthylene	9.639	152	1160951	40.426	ng	99
50) Dimethylphthalate	9.510	163	878058	41.906	ng	100
51) 2,6-Dinitrotoluene	9.580	165	192215	41.875	ng	93
52) Acenaphthene	9.816	154	695433	40.992	ng	97
53) 3-Nitroaniline	9.751	138	168351	31.245	ng	98
54) 2,4-Dinitrophenol	9.874	184	201648	77.588	ng	95
55) Dibenzofuran	9.986	168	1002779	38.734	ng	96
56) 4-Nitrophenol	9.939	139	247217	72.193	ng	99
57) 2,4-Dinitrotoluene	9.992	165	235176	40.925	ng	91
58) Fluorene	10.333	166	804700	40.433	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	215485	41.379	ng	98
60) Diethylphthalate	10.210	149	893576	42.494	ng	99
61) 4-Chlorophenyl-phenyle...	10.321	204	380894	39.841	ng	98
62) 4-Nitroaniline	10.374	138	219153	42.314	ng	99
63) Azobenzene	10.486	77	907678	44.104	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	142441	43.497	ng	83
66) n-Nitrosodiphenylamine	10.451	169	773428	41.435	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	245692	40.067	ng	97
68) Hexachlorobenzene	10.880	284	266876	42.719	ng	# 87
69) Atrazine	10.986	200	232380	46.268	ng	97
70) Pentachlorophenol	11.086	266	200064	53.526	ng	99
71) Phenanthrene	11.298	178	1210082	41.498	ng	98
72) Anthracene	11.351	178	1242779	41.462	ng	100
73) Carbazole	11.516	167	1198467	43.923	ng	99
74) Di-n-butylphthalate	11.839	149	1422826	44.253	ng	99
75) Fluoranthene	12.498	202	1318373	43.389	ng	100
77) Benzidine	12.621	184	156472	22.358	ng	99
78) Pyrene	12.727	202	1331750	40.946	ng	100
80) Butylbenzylphthalate	13.345	149	563612	49.218	ng	96
81) Benzo(a)anthracene	13.921	228	959345	43.490	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	263426	38.232	ng	# 98
83) Chrysene	13.962	228	879260	40.091	ng	99
84) Bis(2-ethylhexyl)phtha...	13.909	149	722352	61.471	ng	98
85) Di-n-octyl phthalate	14.521	149	1027739	55.034	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	845555	45.625	ng	97
88) Benzo(b)fluoranthene	14.974	252	722374	47.210	ng	98
89) Benzo(k)fluoranthene	15.004	252	699311	46.266	ng	98
90) Benzo(a)pyrene	15.339	252	629033	43.109	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	693952	45.763	ng	100
92) Benzo(g,h,i)perylene	17.345	276	729510	46.065	ng	99

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

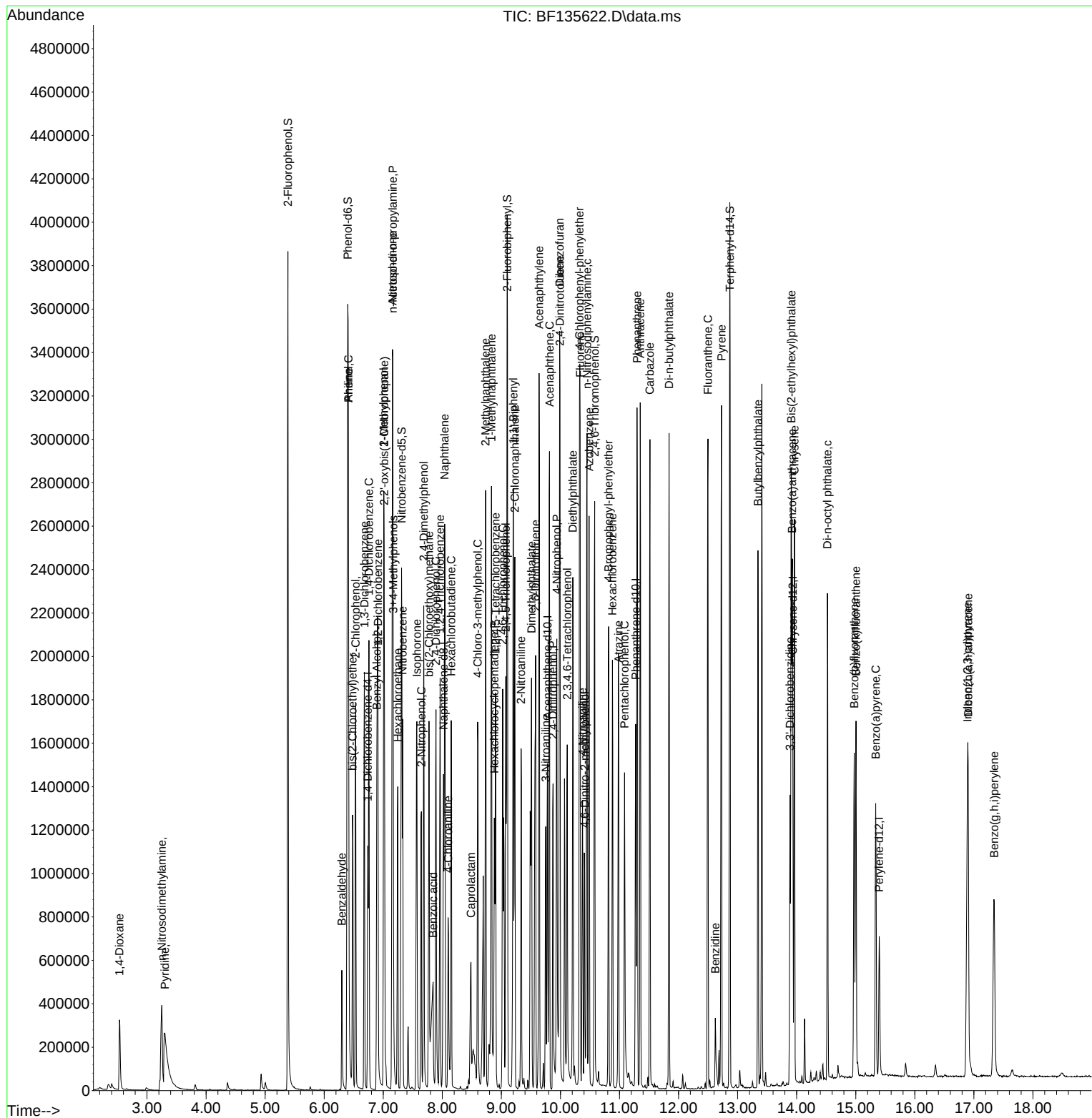
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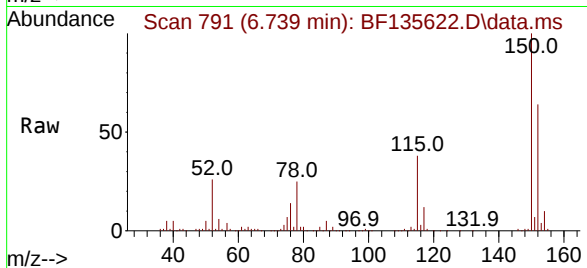
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135622.D
 Acq: 06 Oct 2023 11:22

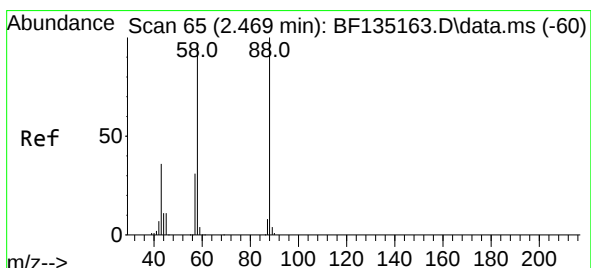
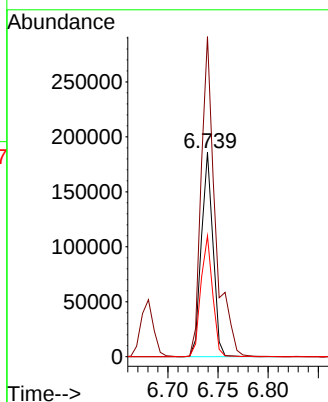
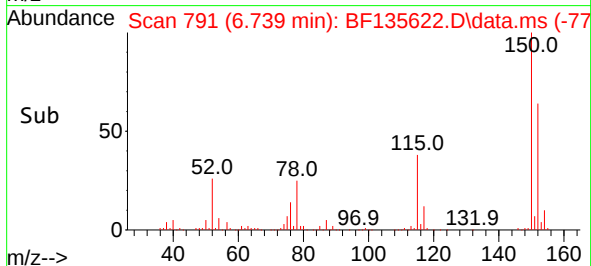
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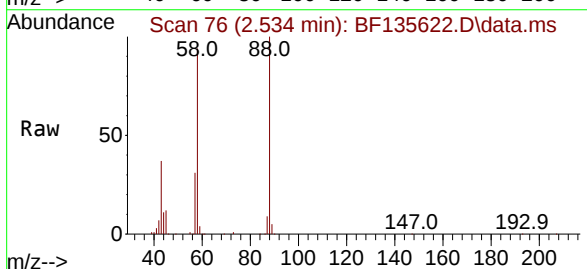
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 Ion Ratio Lower Upper
 152 100
 150 156.6 127.8 191.6
 115 59.1 49.8 74.8

Manual Integrations
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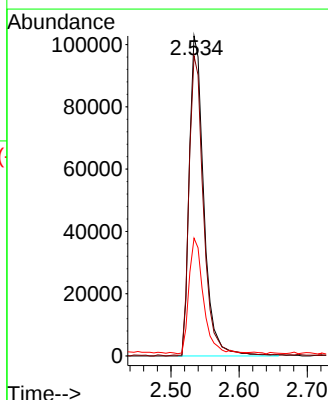
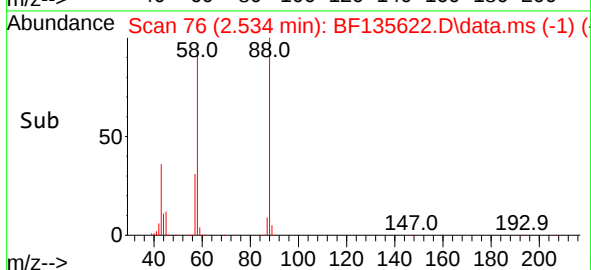
Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023



#2
 1,4-Dioxane
 Concen: 37.193 ng
 RT: 2.534 min Scan# 76
 Delta R.T. 0.112 min
 Lab File: BF135622.D
 Acq: 06 Oct 2023 11:22



Tgt Ion: 88 Resp: 151016
 Ion Ratio Lower Upper
 88 100
 58 94.1 78.3 117.5
 43 36.1 29.4 44.0





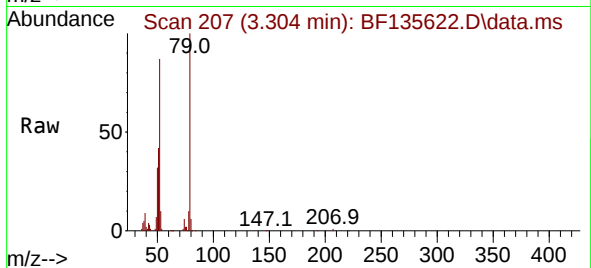
#3
Pyridine
Concen: 34.691 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.141 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB156122BS

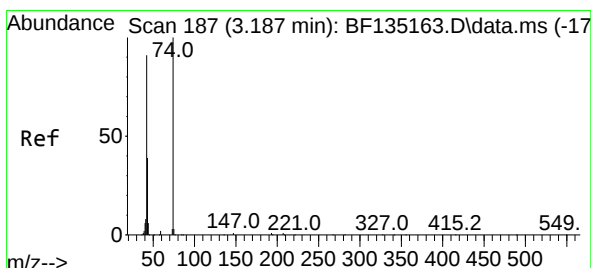
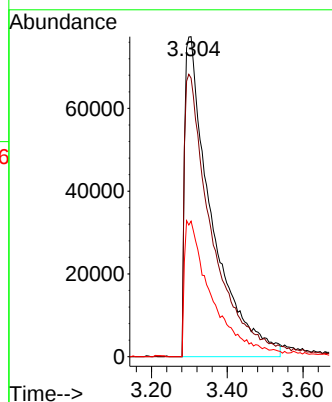
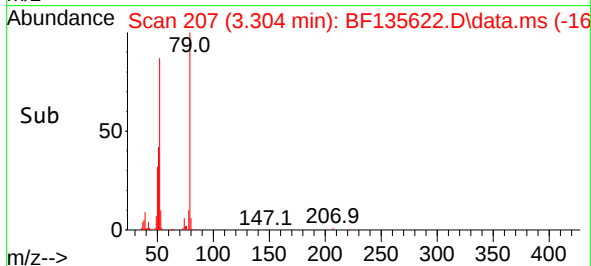


Tgt Ion: 79 Resp: 379100
Ion Ratio Lower Upper
79 100
52 87.0 74.1 111.1
51 42.3 35.8 53.8

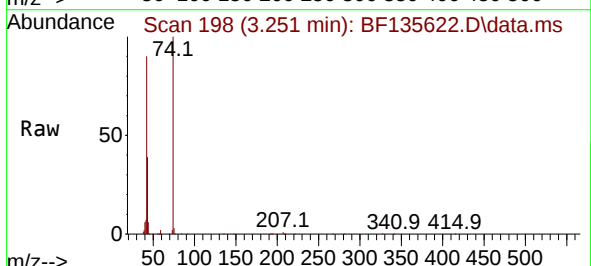
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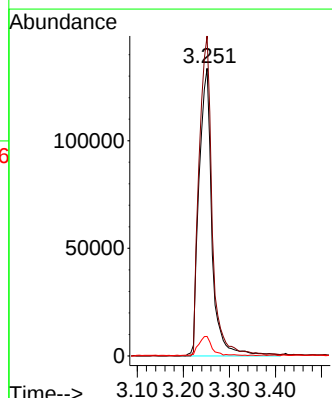
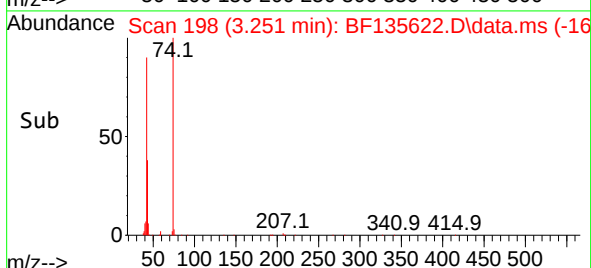
Reviewed By :Yogesh Patel 10/08/2023
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#4
n-Nitrosodimethylamine
Concen: 45.178 ng
RT: 3.251 min Scan# 198
Delta R.T. 0.118 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22



Tgt Ion: 42 Resp: 261991
Ion Ratio Lower Upper
42 100
74 111.2 87.7 131.5
44 6.8 5.6 8.4





#5
2-Fluorophenol
Concen: 117.755 ng
RT: 5.386 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

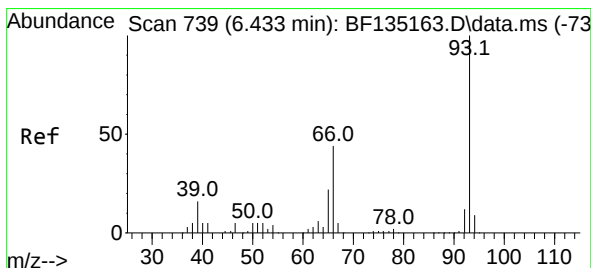
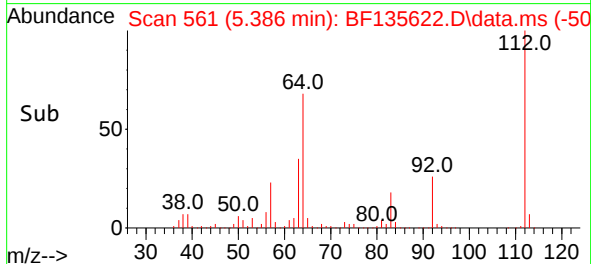
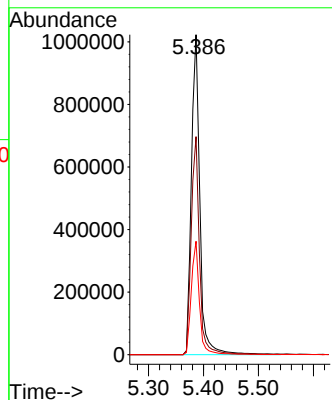
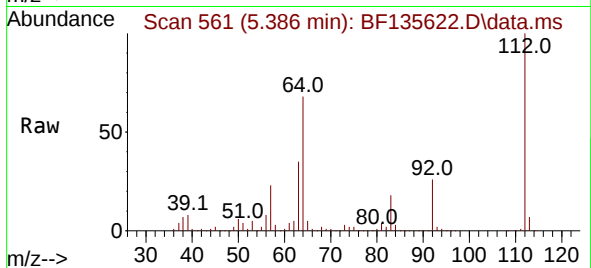
PB156122BS

Tgt Ion:112 Resp: 1090670
Ion Ratio Lower Upper
112 100
64 68.1 55.9 83.9
63 35.5 29.0 43.6

Manual Integrations

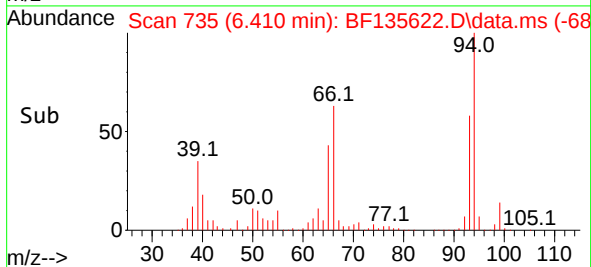
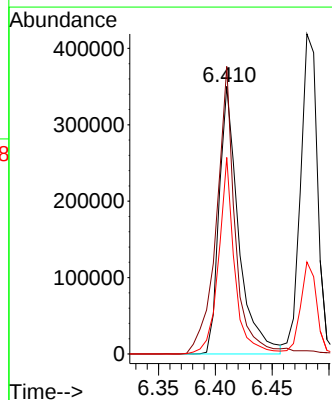
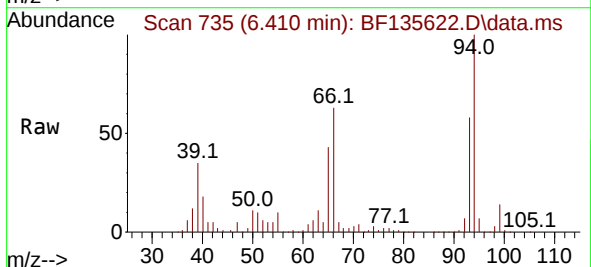
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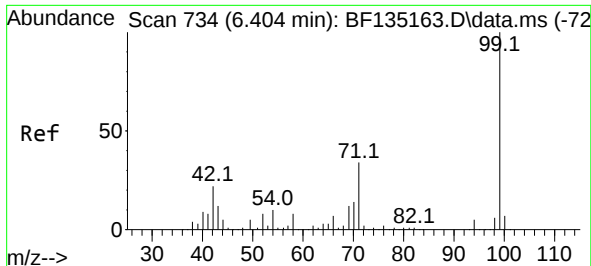
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#6
Aniline
Concen: 27.121 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.000 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

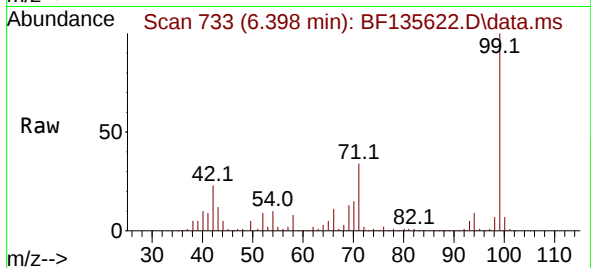
Tgt Ion: 93 Resp: 418854
Ion Ratio Lower Upper
93 100
66 107.5 35.4 53.0#
65 73.5 17.8 26.8#





#7
Phenol-d6
Concen: 112.962 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

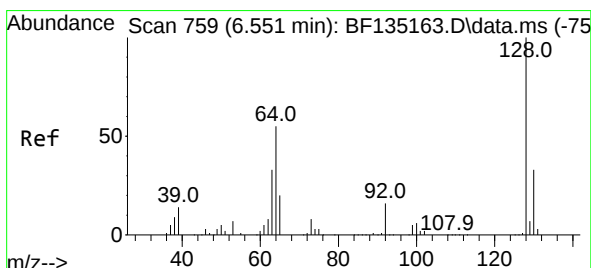
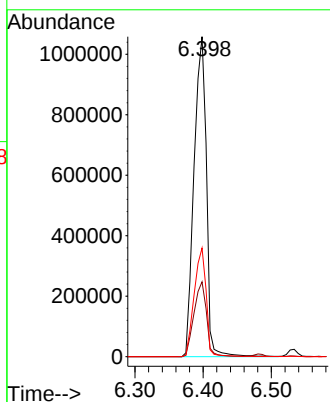
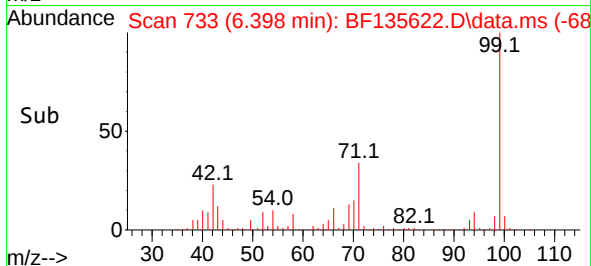
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Tgt Ion: 99 Resp: 1330400
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 33.9 27.0 40.6

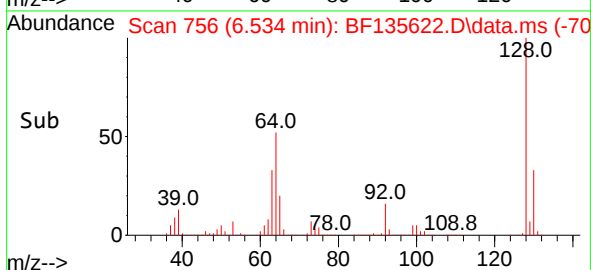
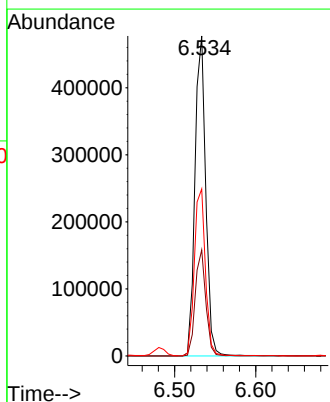
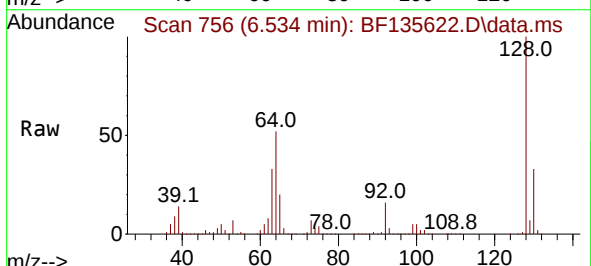
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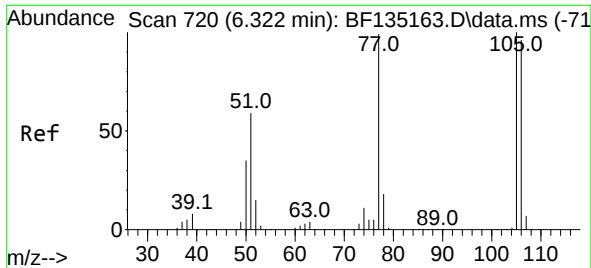
Reviewed By :Yogesh Patel 10/08/2023
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#8
2-Chlorophenol
Concen: 44.756 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

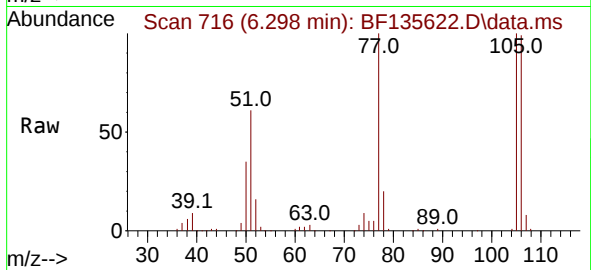
Tgt Ion:128 Resp: 442524
Ion Ratio Lower Upper
128 100
130 33.2 12.7 52.7
64 52.2 35.9 75.9





#9
Benzaldehyde
Concen: 15.840 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

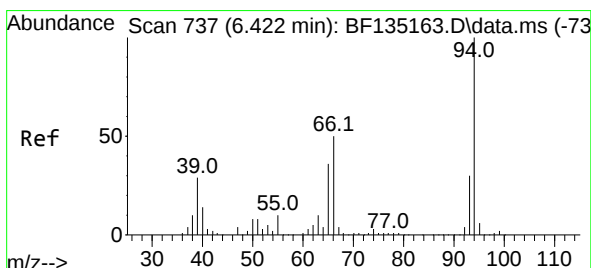
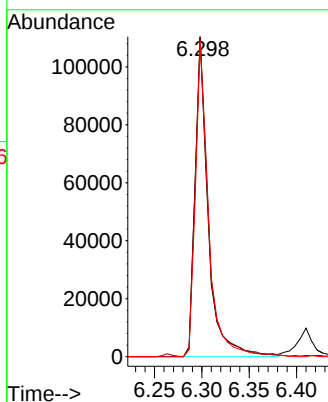
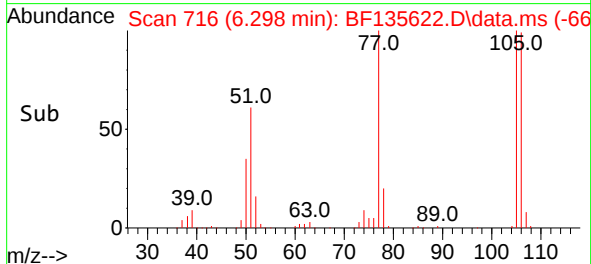
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Tgt Ion: 77 Resp: 106279
Ion Ratio Lower Upper
77 100
105 99.9 81.4 121.4
106 98.5 76.9 116.9

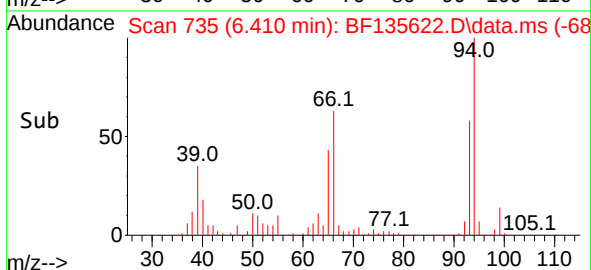
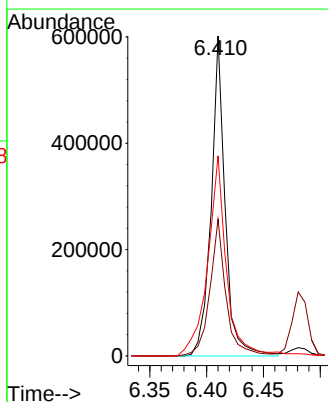
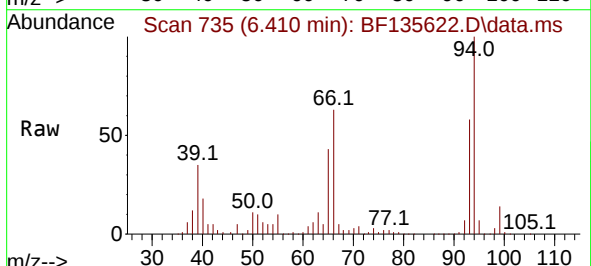
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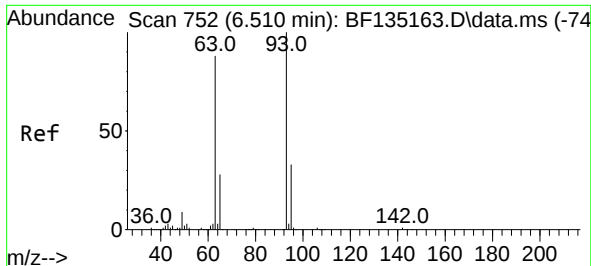
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Supervised By :mohammad ahmed 10/08/2023



#10
Phenol
Concen: 39.865 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

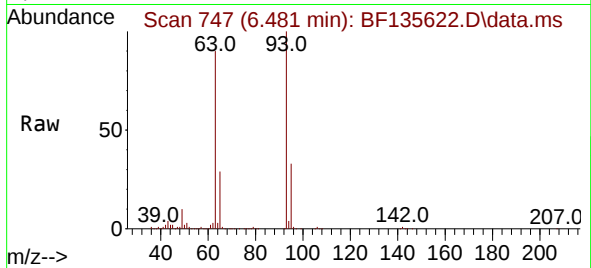
Tgt Ion: 94 Resp: 514837
Ion Ratio Lower Upper
94 100
65 42.7 15.9 55.9
66 62.6 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 44.084 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

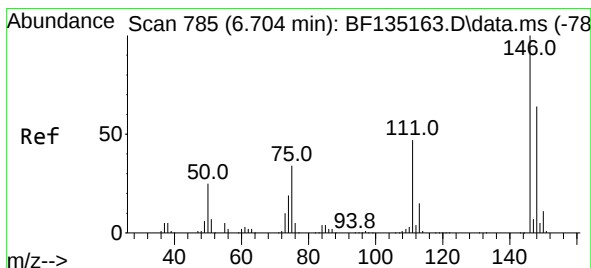
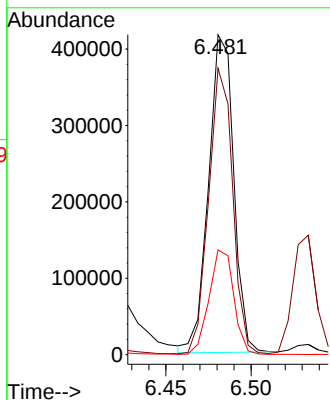
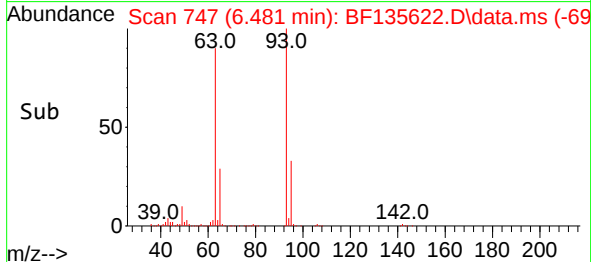
Instrument :
BNA_F
ClientSampleId :
PB156122BS



Tgt Ion: 93 Resp: 427056
Ion Ratio Lower Upper
93 100
63 89.5 67.3 107.3
95 32.8 12.7 52.7

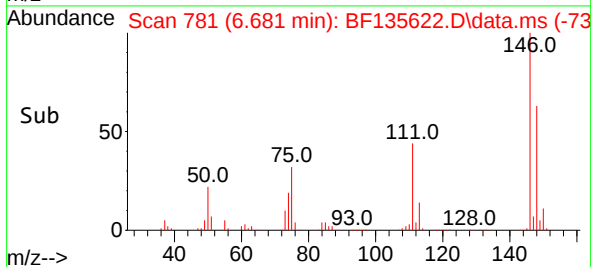
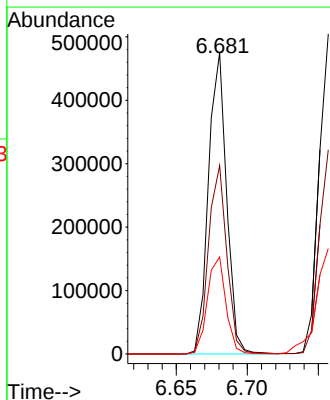
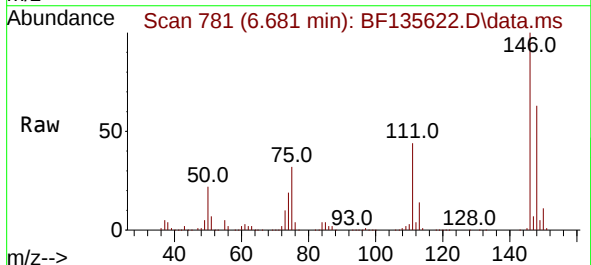
Manual Integrations
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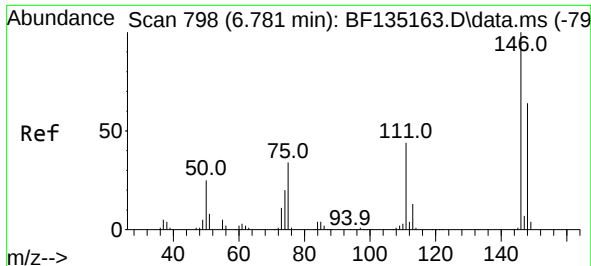
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#12
1,3-Dichlorobenzene
Concen: 42.134 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Tgt Ion:146 Resp: 423380
Ion Ratio Lower Upper
146 100
148 62.5 51.3 76.9
75 32.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.552 ng

RT: 6.757 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB156122BS

Tgt Ion:146 Resp: 435030

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

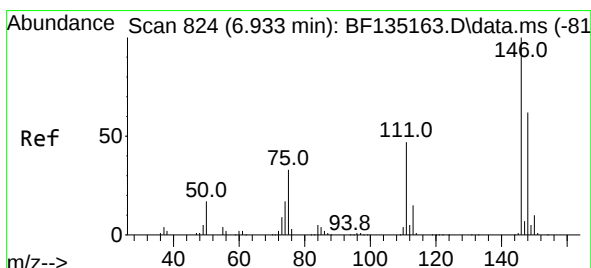
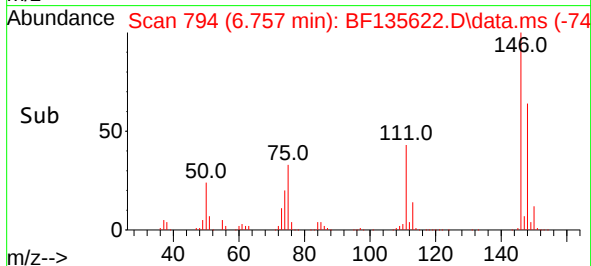
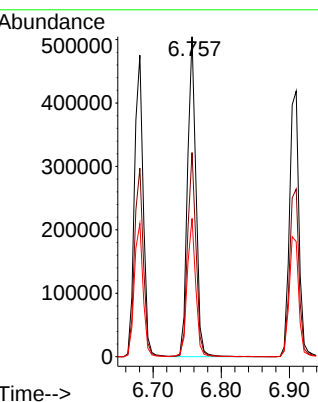
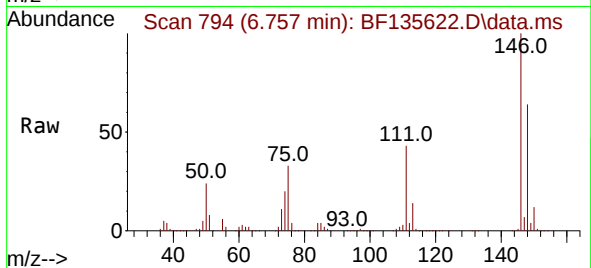
111 43.2 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#14

1,2-Dichlorobenzene

Concen: 42.537 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.000 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

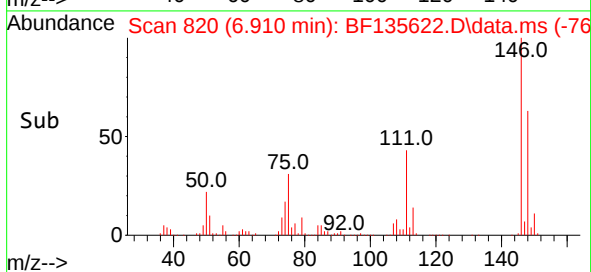
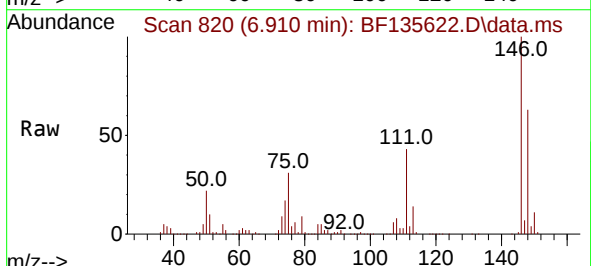
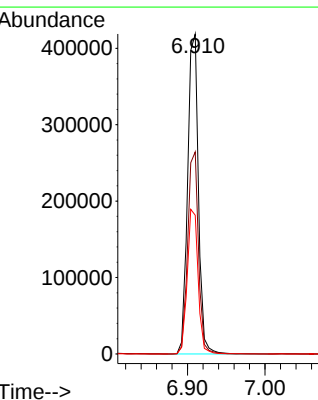
Tgt Ion:146 Resp: 403852

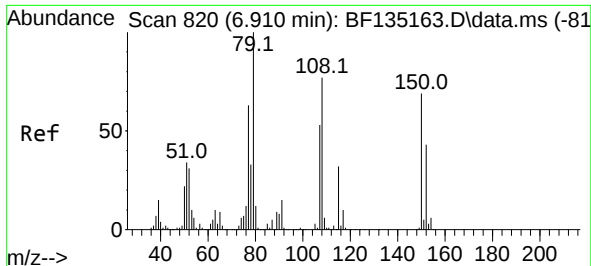
Ion Ratio Lower Upper

146 100

148 63.2 49.7 74.5

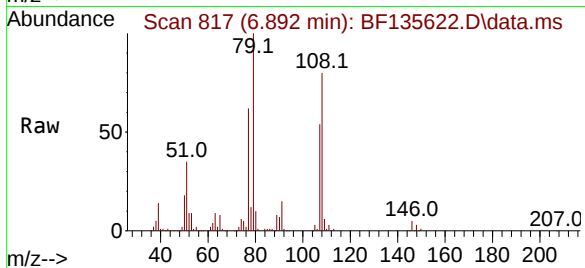
111 43.3 37.4 56.2





#15
Benzyl Alcohol
Concen: 43.228 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

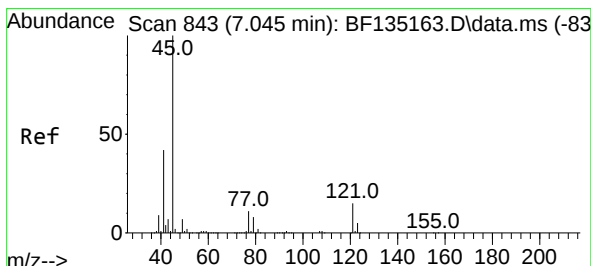
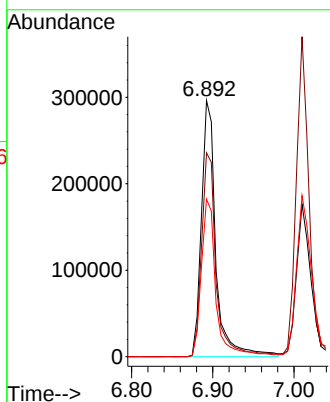
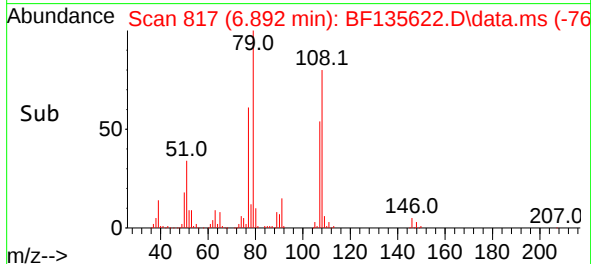
Instrument :
BNA_F
ClientSampleId :
PB156122BS



Tgt Ion: 79 Resp: 36533
Ion Ratio Lower Upper
79 100
108 79.6 61.2 91.8
77 61.5 50.5 75.7

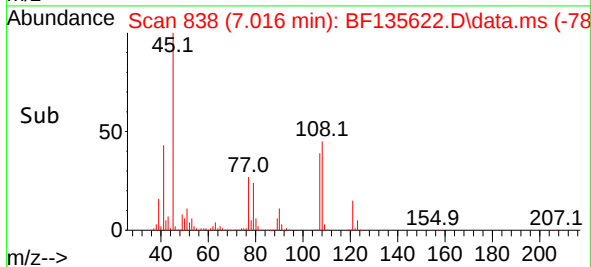
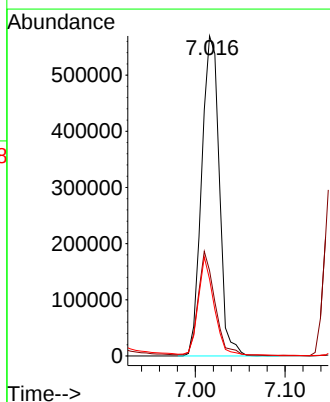
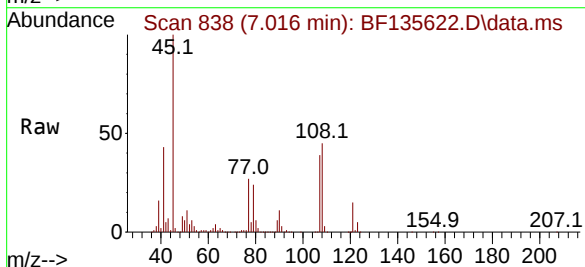
Manual Integrations
APPROVED

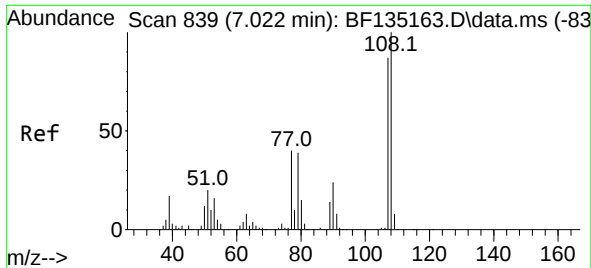
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.588 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

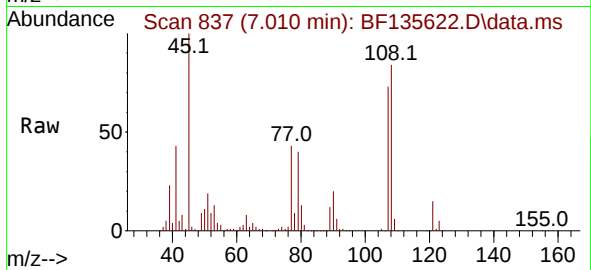
Tgt Ion: 45 Resp: 777648
Ion Ratio Lower Upper
45 100
77 26.7 0.0 30.6
79 24.0 0.0 28.3





#17
2-Methylphenol
Concen: 40.459 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

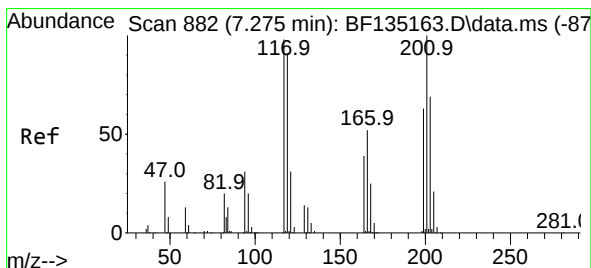
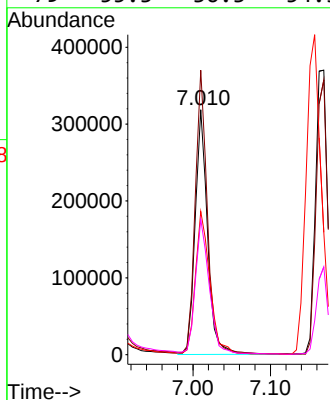
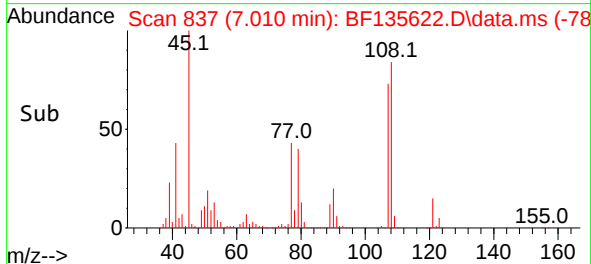
Instrument :
BNA_F
ClientSampleId :
PB156122BS



Tgt Ion:107 Resp: 353017
Ion Ratio Lower Upper
107 100
108 116.1 92.0 138.0
77 58.5 36.7 55.1
79 55.3 36.3 54.5#

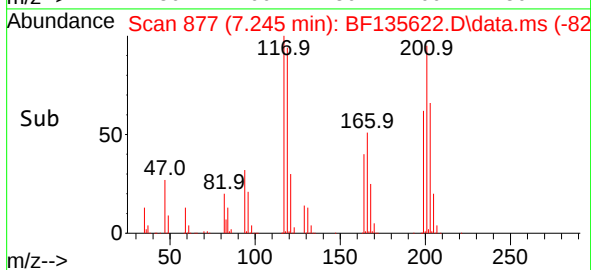
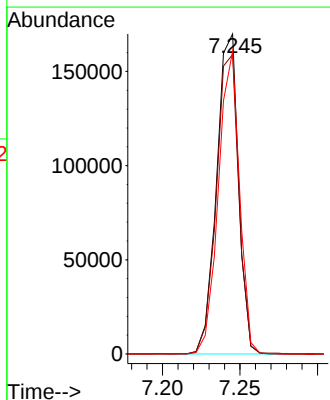
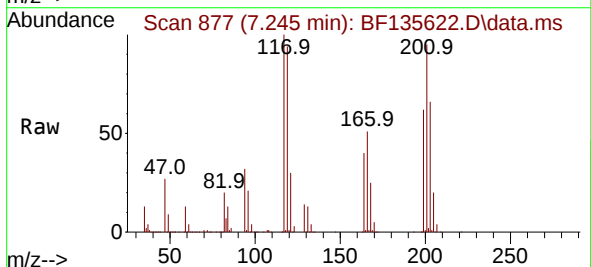
Manual Integrations
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Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#18
Hexachloroethane
Concen: 44.191 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Tgt Ion:117 Resp: 166928
Ion Ratio Lower Upper
117 100
119 93.6 74.7 112.1
201 94.6 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 40.034 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

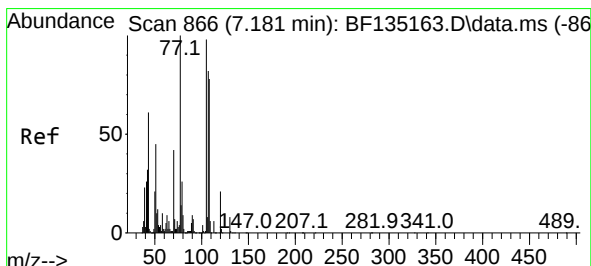
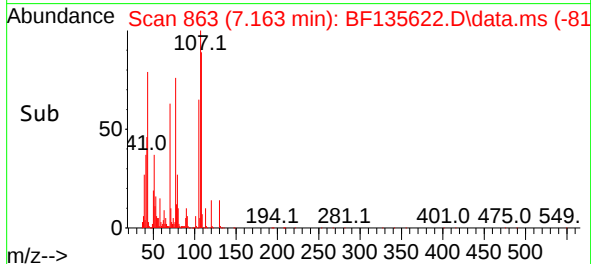
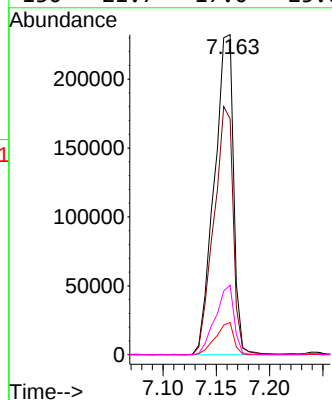
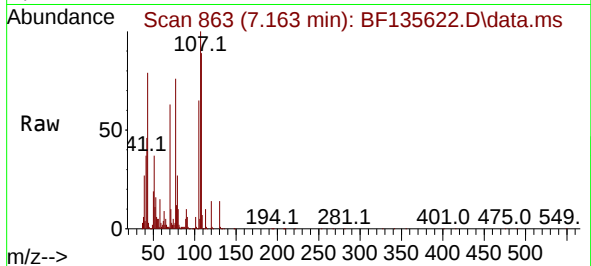
ClientSampleId :

PB156122BS

Tgt Ion: 70 Resp: 292049
Ion Ratio Lower Upper
70 100
42 73.7 55.4 83.0
101 10.0 7.7 11.5
130 21.7 17.0 25.6

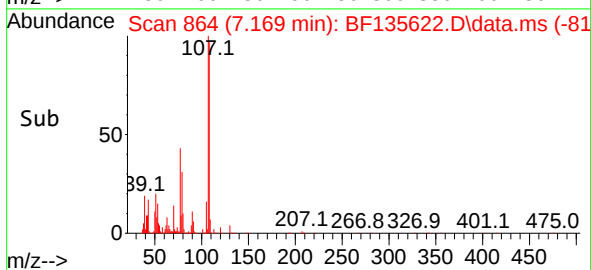
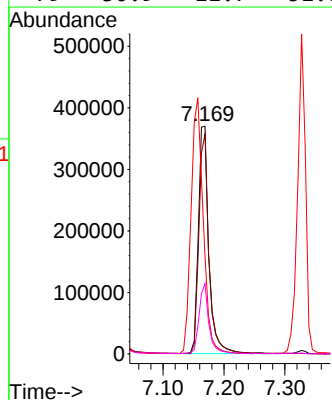
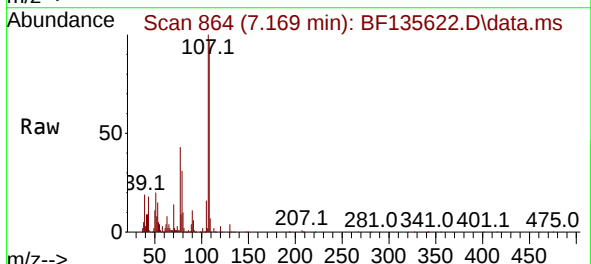
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#20
3+4-Methylphenols
Concen: 42.294 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Tgt Ion:107 Resp: 443742
Ion Ratio Lower Upper
107 100
108 96.6 74.7 114.7
77 43.0 102.0 142.0#
79 30.9 11.7 51.7





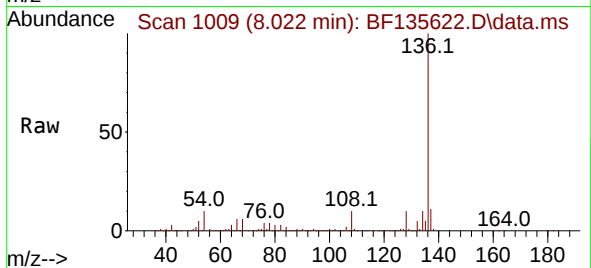
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB156122BS

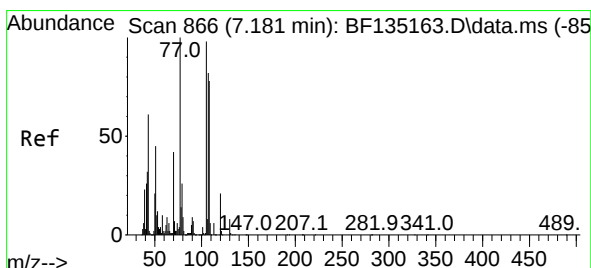
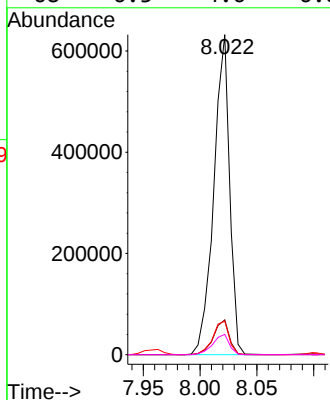
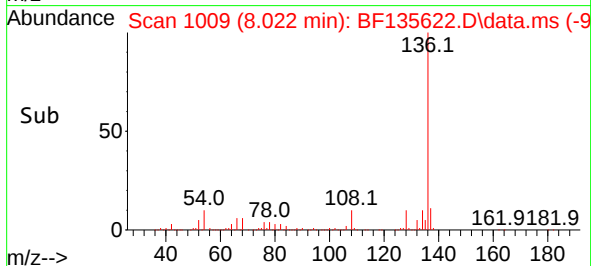


Tgt Ion:136 Resp: 612780
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.5 7.7 11.5
68 6.3 4.6 6.8

Manual Integrations

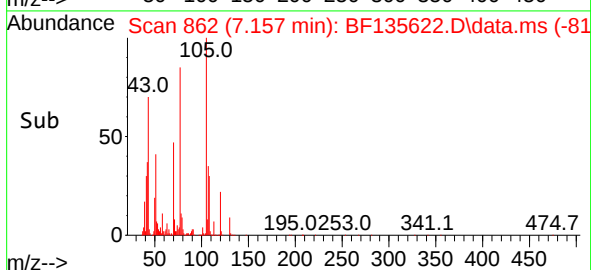
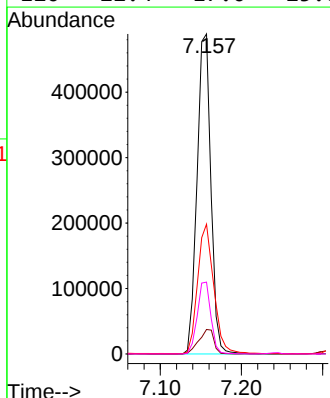
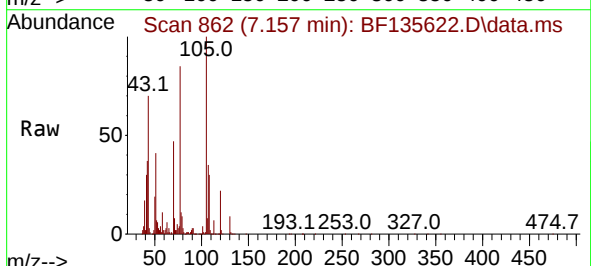
APPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#22
Acetophenone
Concen: 41.499 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Tgt Ion:105 Resp: 581393
Ion Ratio Lower Upper
105 100
71 7.7 5.8 8.6
51 40.6 37.0 55.4
120 22.4 17.0 25.6





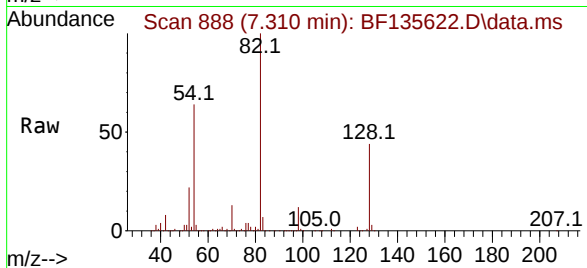
#23
Nitrobenzene-d5
Concen: 78.331 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

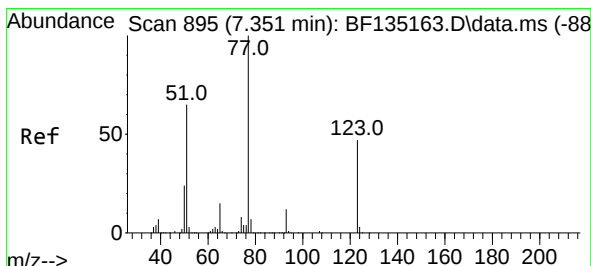
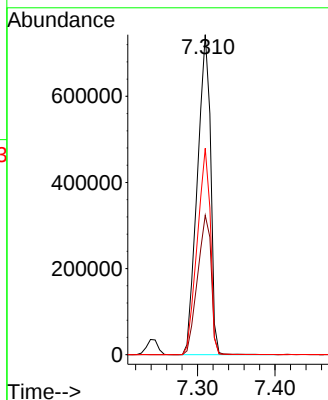
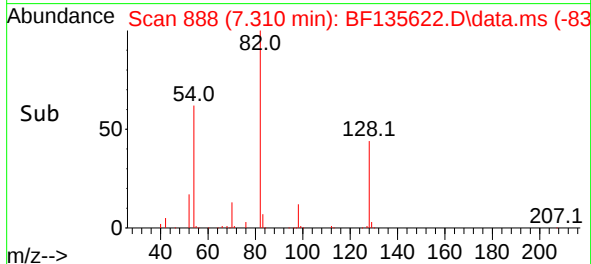
PB156122BS



Tgt Ion: 82 Resp: 883498
Ion Ratio Lower Upper
82 100
128 43.5 35.8 53.6
54 64.5 50.6 76.0

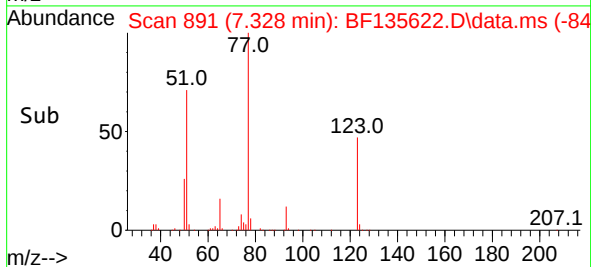
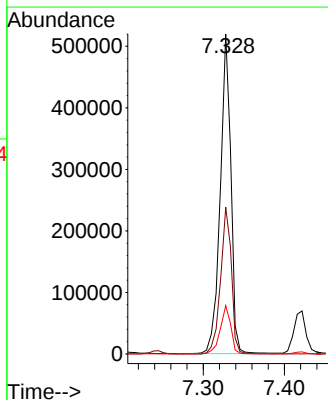
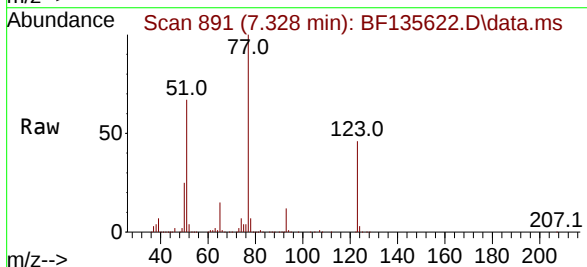
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#24
Nitrobenzene
Concen: 42.610 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

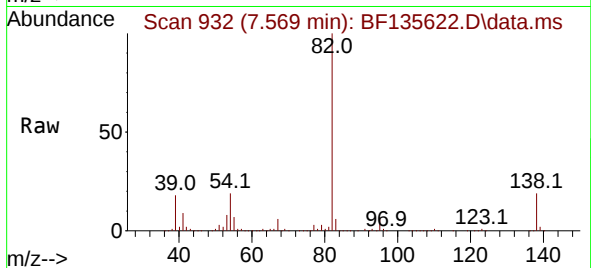
Tgt Ion: 77 Resp: 475023
Ion Ratio Lower Upper
77 100
123 45.9 37.6 56.4
65 15.1 12.2 18.4





#25
Isophorone
Concen: 42.180 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

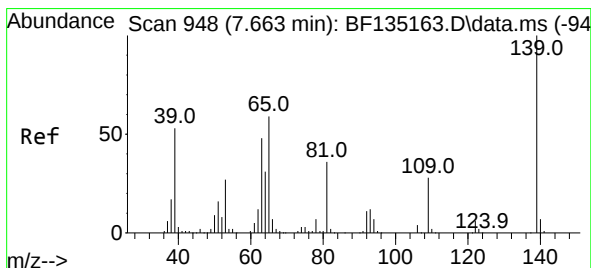
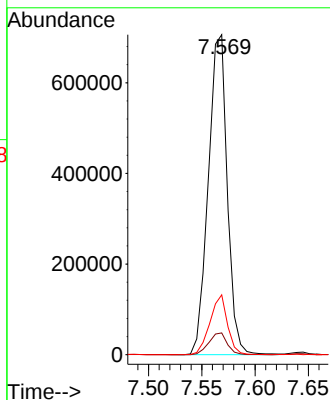
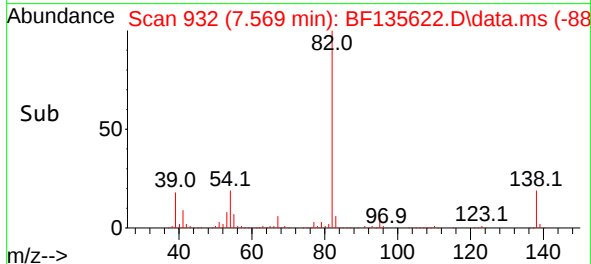
Instrument :
BNA_F
ClientSampleId :
PB156122BS



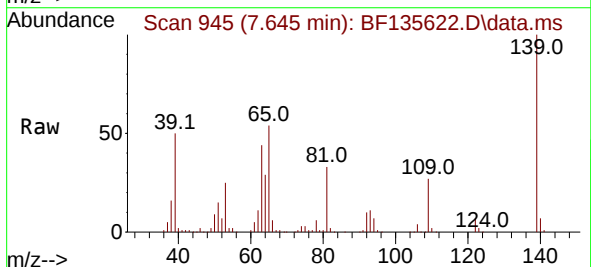
Tgt Ion: 82 Resp: 873604
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 18.7 14.5 21.7

Manual Integrations
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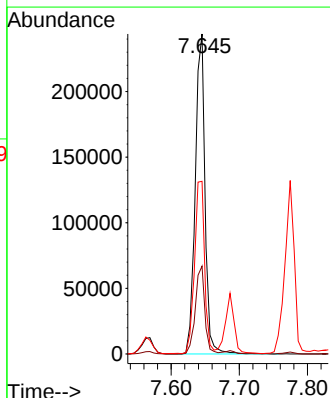
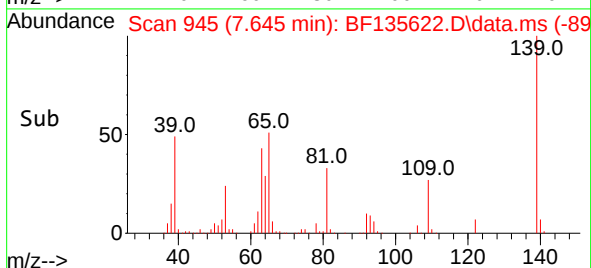
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#26
2-Nitrophenol
Concen: 45.329 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22



Tgt Ion:139 Resp: 242534
Ion Ratio Lower Upper
139 100
109 27.5 22.6 33.8
65 53.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.201 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135622.D

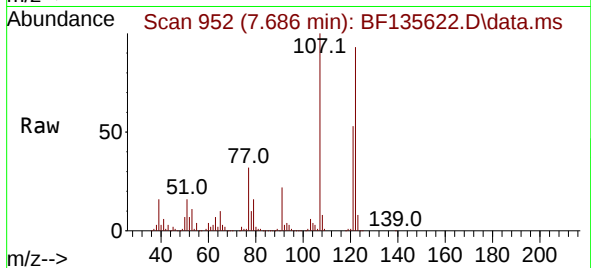
Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB156122BS



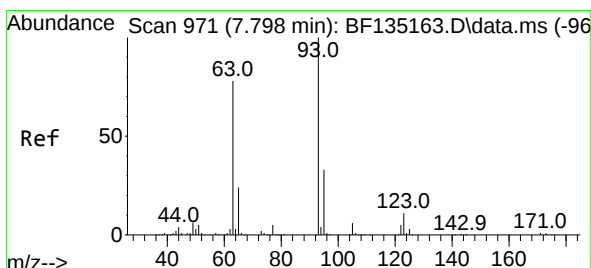
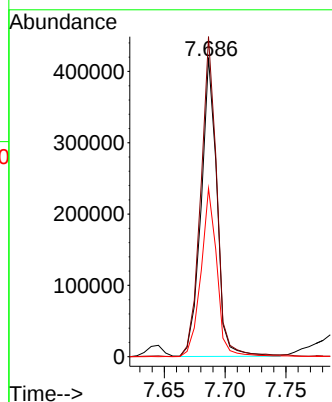
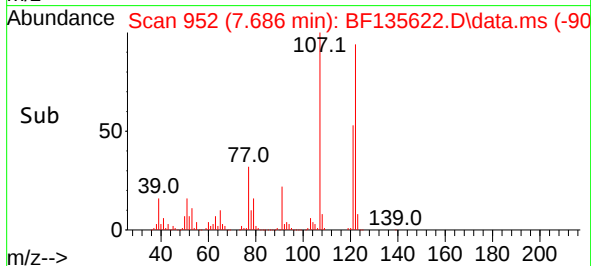
Tgt Ion:	122	Resp:	37954
Ion Ratio	Lower	Upper	
122	100		
107	107.0	90.2	135.4
121	56.3	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.809 ng

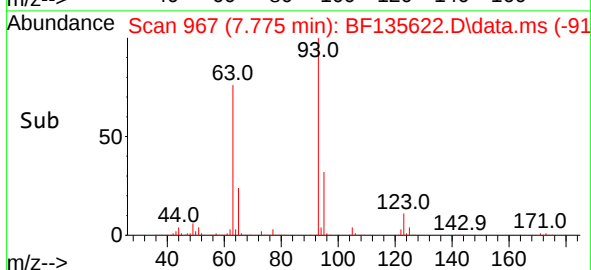
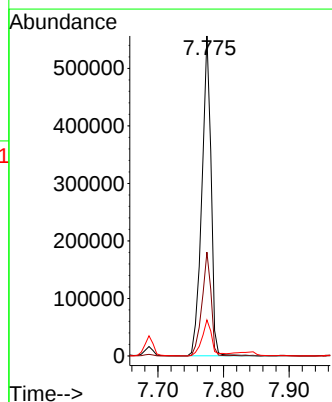
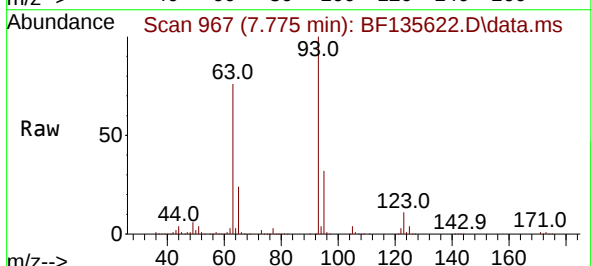
RT: 7.775 min Scan# 967

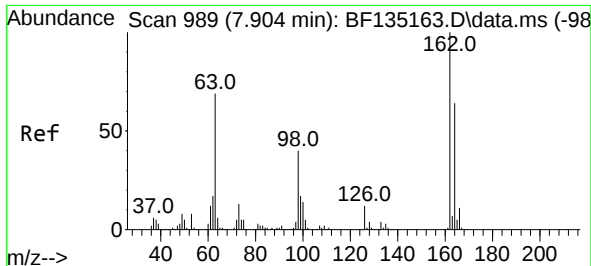
Delta R.T. -0.000 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Tgt Ion:	93	Resp:	543077
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.2	39.2
123	11.3	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 43.737 ng

RT: 7.892 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

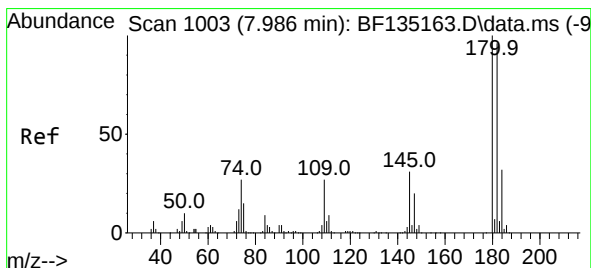
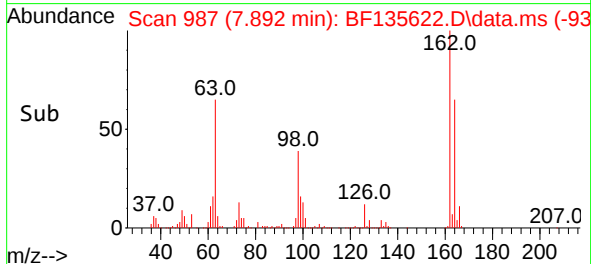
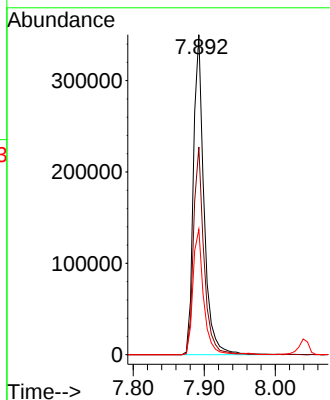
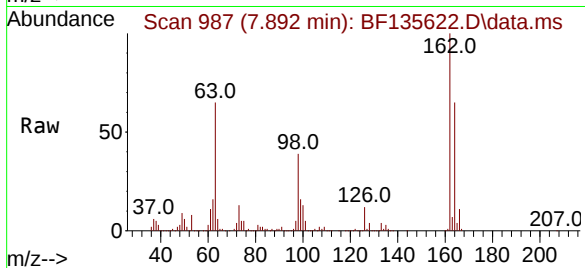
PB156122BS

Tgt Ion:162 Resp: 36449
 Ion Ratio Lower Upper
 162 100
 164 64.9 44.1 84.1
 98 39.1 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.660 ng

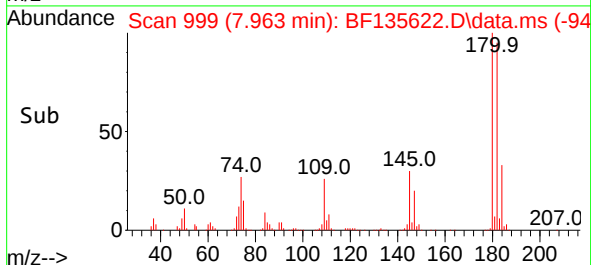
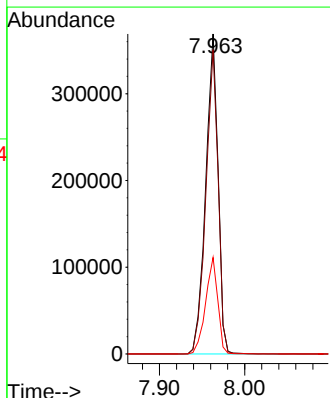
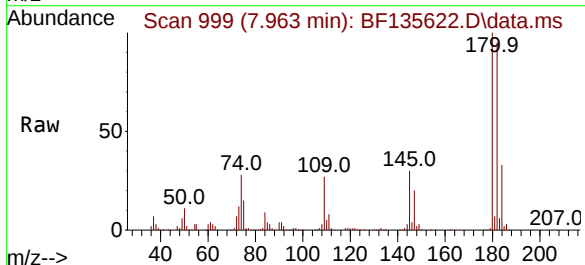
RT: 7.963 min Scan# 999

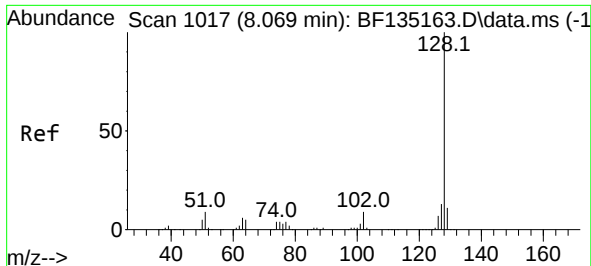
Delta R.T. -0.000 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

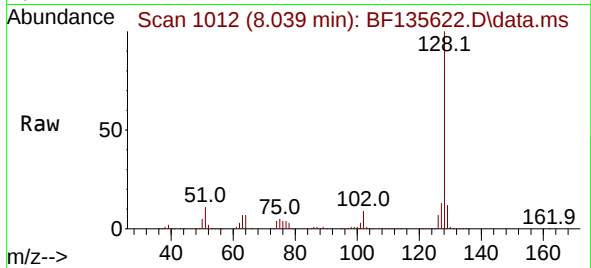
Tgt Ion:180 Resp: 371596
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.9 115.3
 145 30.2 24.5 36.7





#31
Naphthalene
Concen: 41.450 ng
RT: 8.039 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

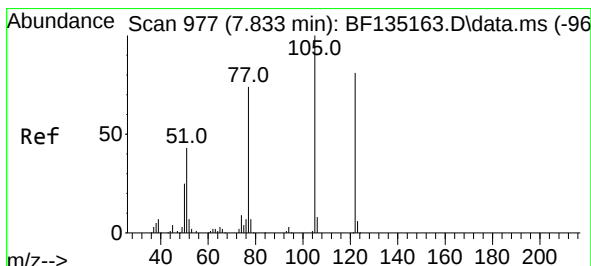
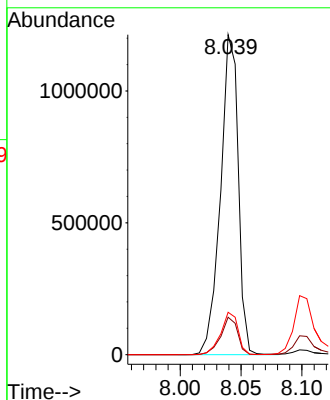
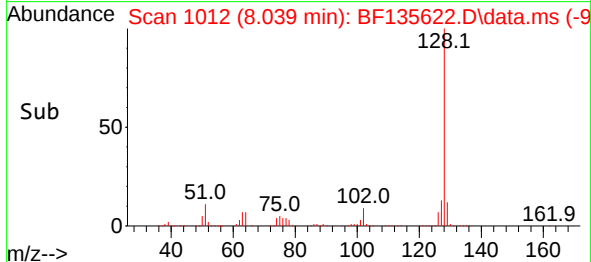
Instrument :
BNA_F
ClientSampleId :
PB156122BS



Tgt Ion:128 Resp: 1234099
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 13.3 10.7 16.1

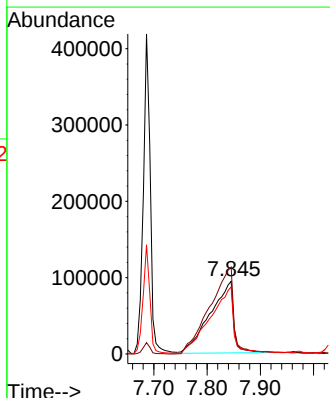
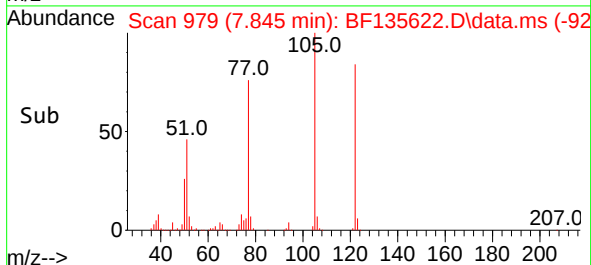
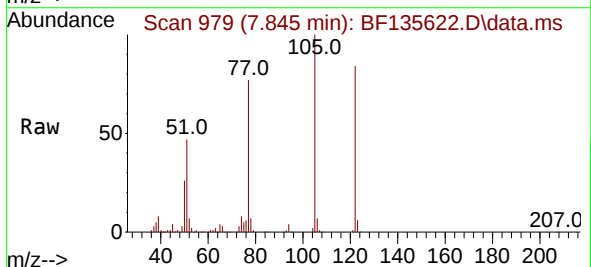
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#32
Benzoic acid
Concen: 42.582 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.023 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Tgt Ion:122 Resp: 288379
Ion Ratio Lower Upper
122 100
105 119.6 99.9 139.9
77 92.2 70.0 110.0





#33
4-Chloroaniline
Concen: 22.469 ng
RT: 8.098 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

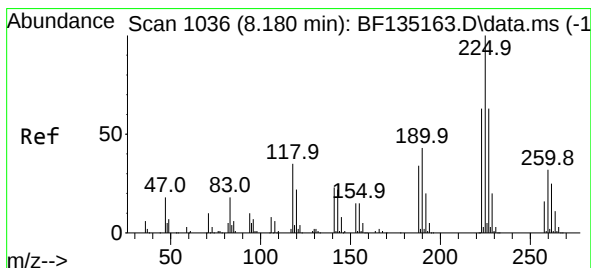
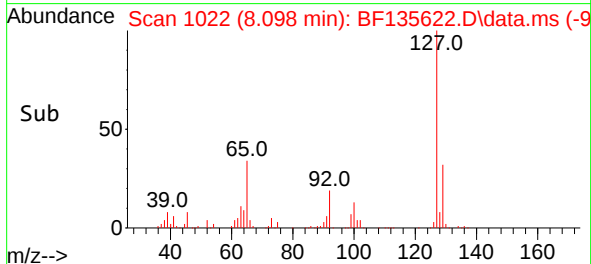
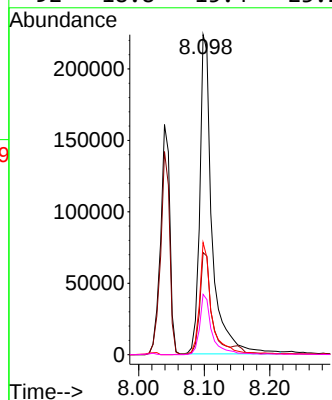
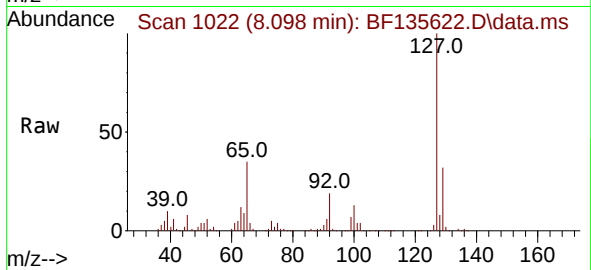
PB156122BS

Tgt Ion:127 Resp: 293510
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.8
65 35.1 26.6 39.8
92 18.8 15.4 23.2

Manual Integrations

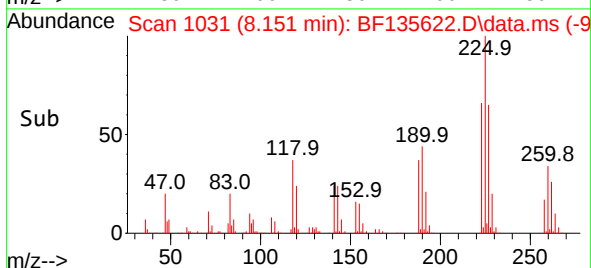
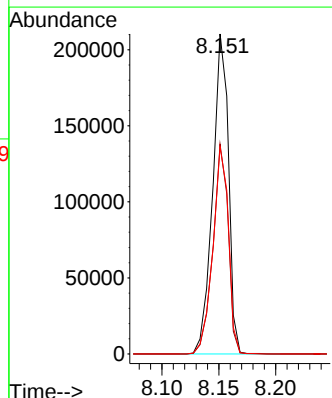
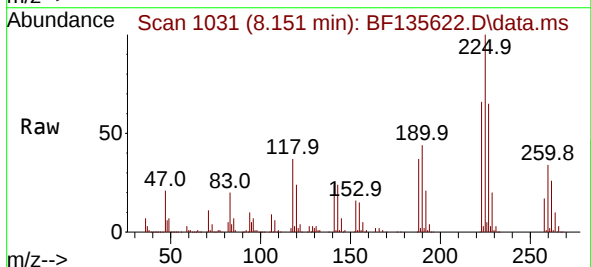
APPROVED

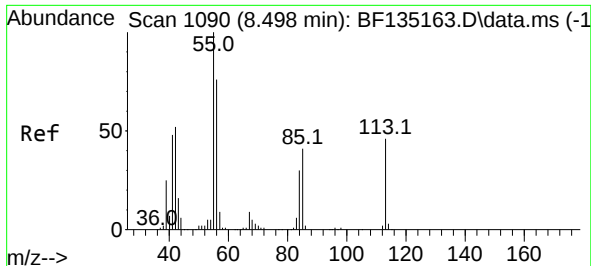
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#34
Hexachlorobutadiene
Concen: 38.562 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

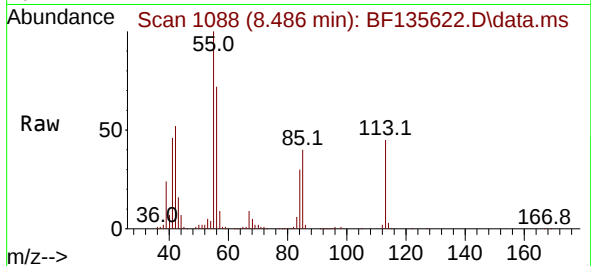
Tgt Ion:225 Resp: 202540
Ion Ratio Lower Upper
225 100
223 65.6 50.6 75.8
227 64.8 50.8 76.2





#35
Caprolactam
Concen: 39.872 ng m
RT: 8.486 min Scan# 1090
Delta R.T. 0.018 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

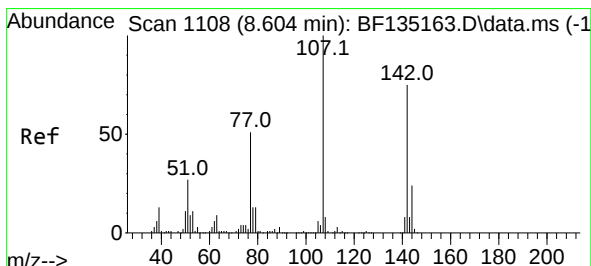
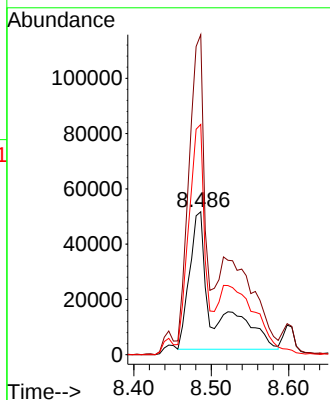
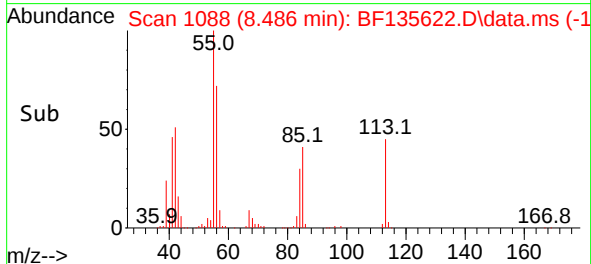
Instrument :
BNA_F
ClientSampleId :
PB156122BS



Tgt Ion:113 Resp: 111518
Ion Ratio Lower Upper
113 100
55 223.9 199.3 239.3
56 161.0 146.3 186.3

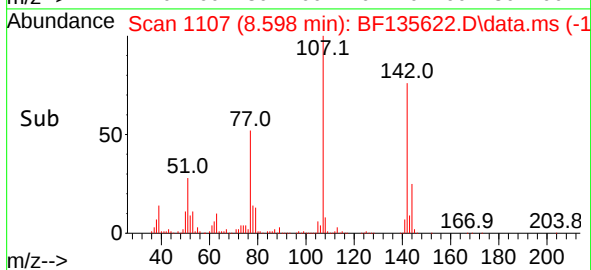
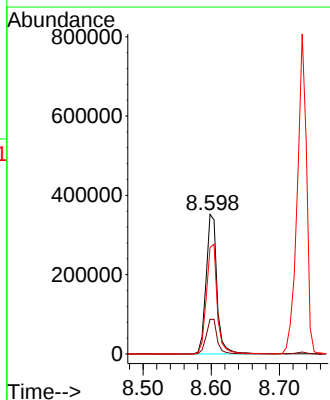
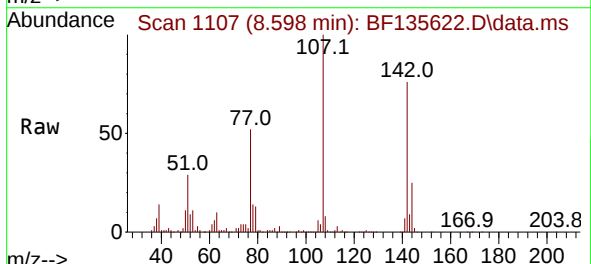
Manual Integrations
APPROVED

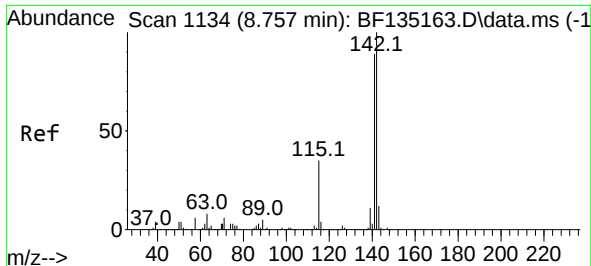
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#36
4-Chloro-3-methylphenol
Concen: 42.227 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Tgt Ion:107 Resp: 391111
Ion Ratio Lower Upper
107 100
144 24.9 19.0 28.4
142 76.4 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.349 ng

RT: 8.733 min Scan# 1130

Delta R.T. -0.000 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB156122BS

Tgt Ion:142 Resp: 76749

Ion Ratio Lower Upper

142 100

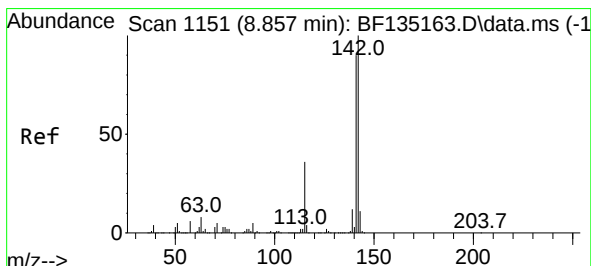
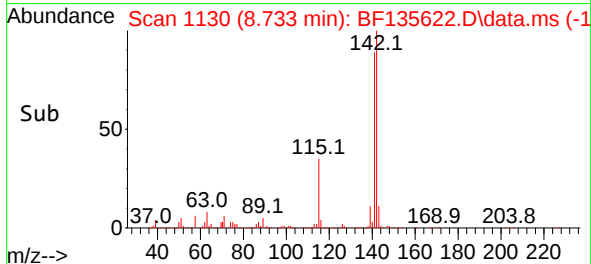
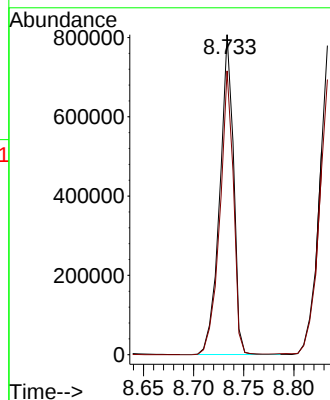
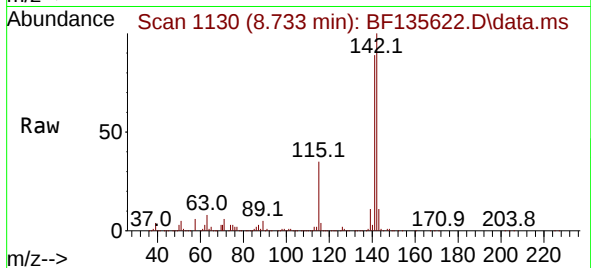
141 88.7 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#38

1-Methylnaphthalene

Concen: 38.897 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135622.D

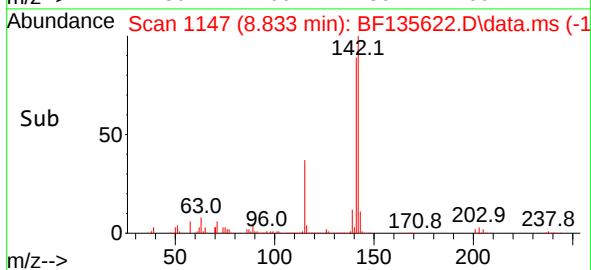
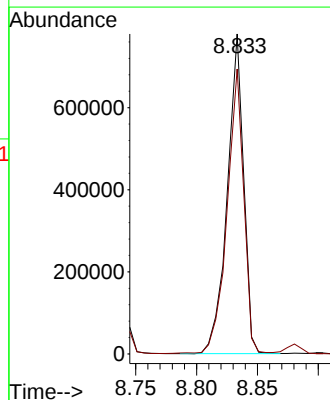
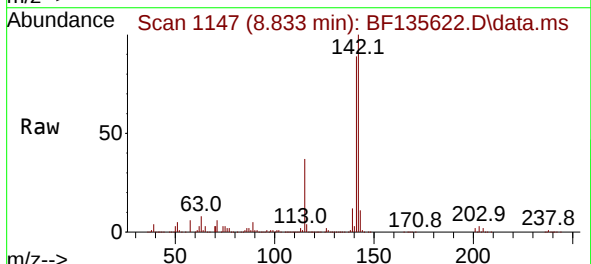
Acq: 06 Oct 2023 11:22

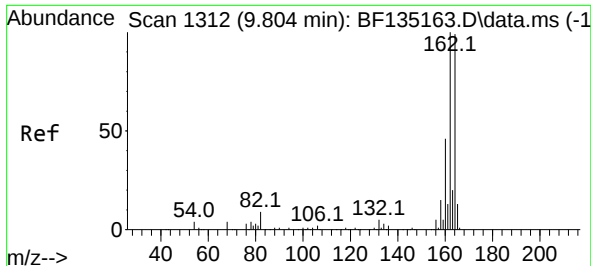
Tgt Ion:142 Resp: 728827

Ion Ratio Lower Upper

142 100

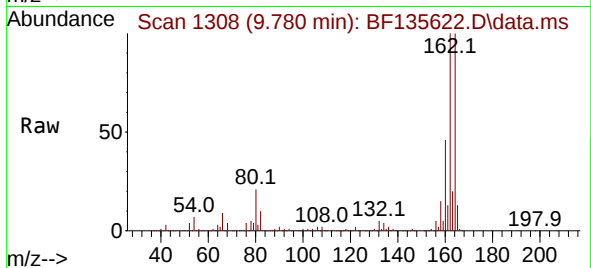
141 89.0 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

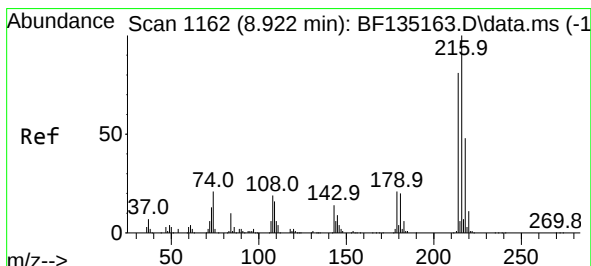
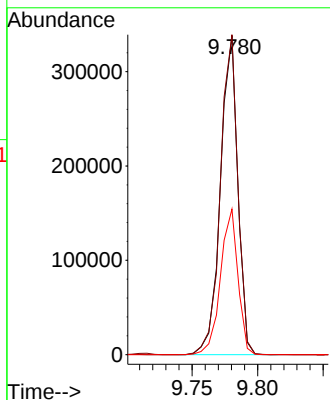
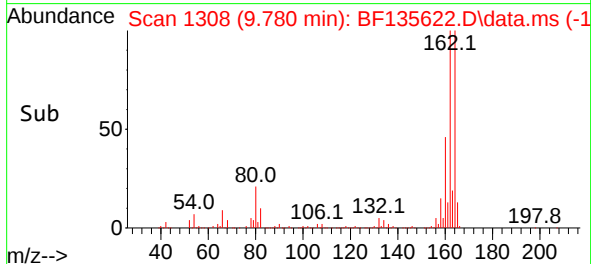
Instrument :
BNA_F
ClientSampleId :
PB156122BS



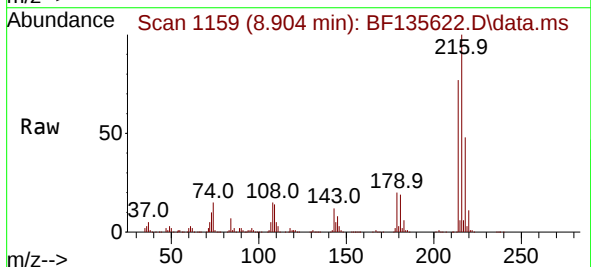
Tgt Ion:164 Resp: 309912
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 45.6 37.0 55.4

Manual Integrations
APPROVED

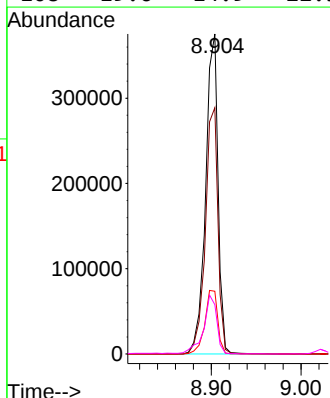
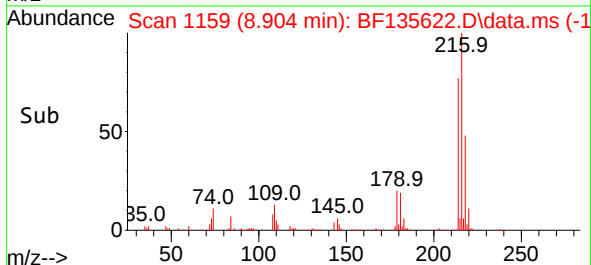
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.157 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22



Tgt Ion:216 Resp: 360542
Ion Ratio Lower Upper
216 100
214 78.4 63.7 95.5
179 20.6 16.7 25.1
108 19.6 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 43.825 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

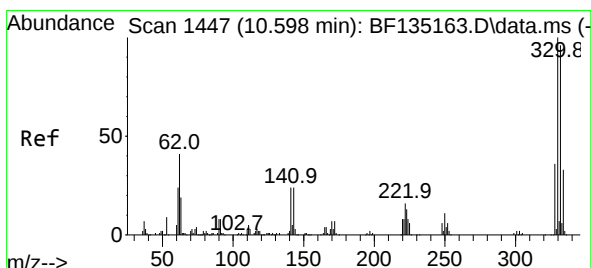
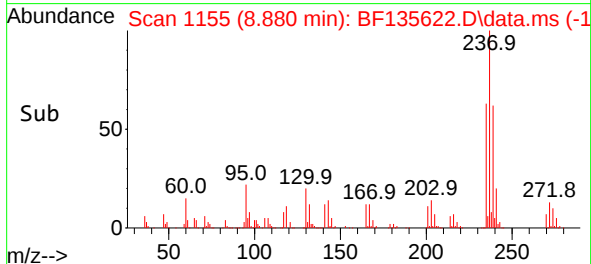
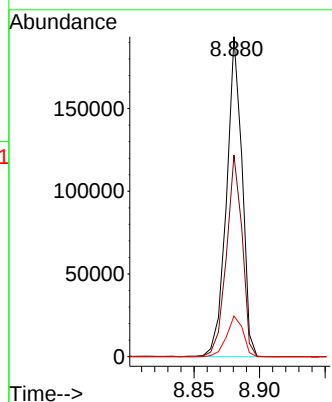
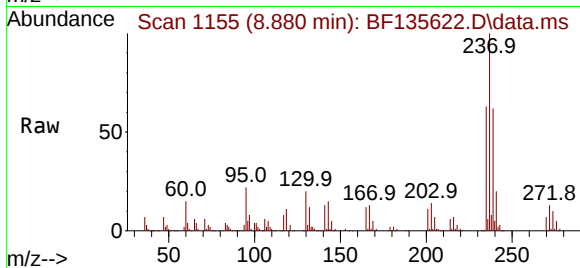
PB156122BS

Tgt Ion:237 Resp: 158825
Ion Ratio Lower Upper
237 100
235 63.0 41.8 81.8
272 12.7 0.0 33.6

Manual Integrations

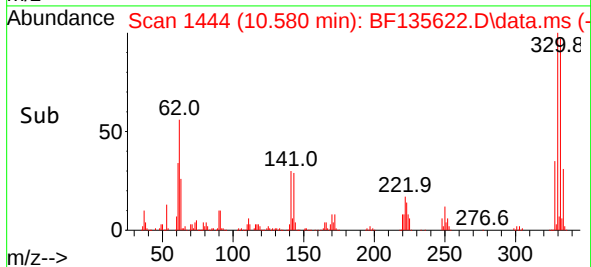
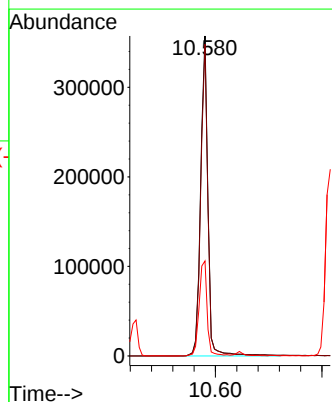
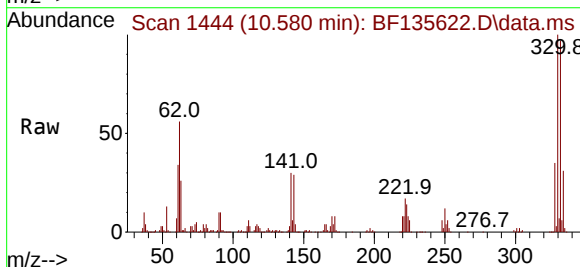
APPROVED

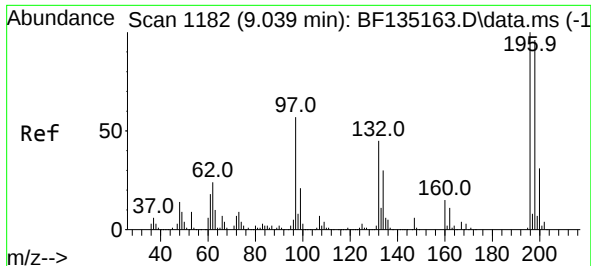
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#42
2,4,6-Tribromophenol
Concen: 110.334 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.012 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Tgt Ion:330 Resp: 339804
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 32.8 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 41.448 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB156122BS

Tgt Ion:196 Resp: 24365

Ion Ratio Lower Upper

196 100

198 94.0 77.0 115.6

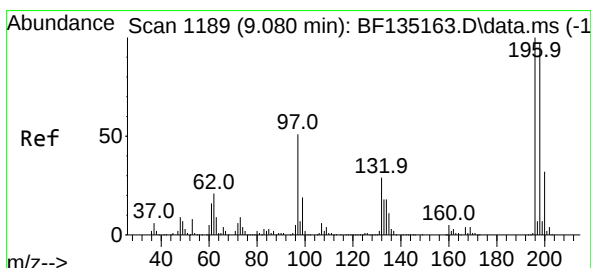
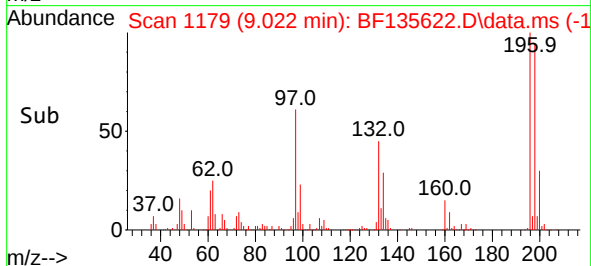
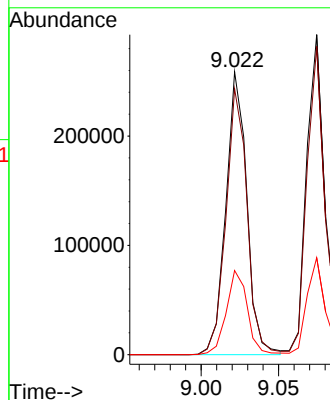
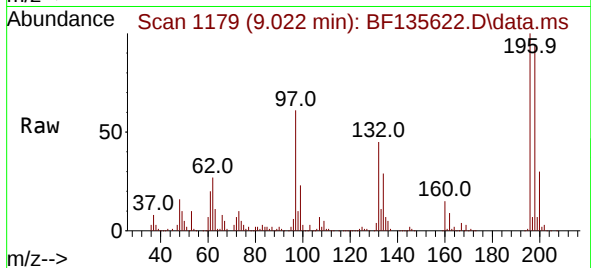
200 29.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#44

2,4,5-Trichlorophenol

Concen: 38.206 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.012 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Tgt Ion:196 Resp: 258647

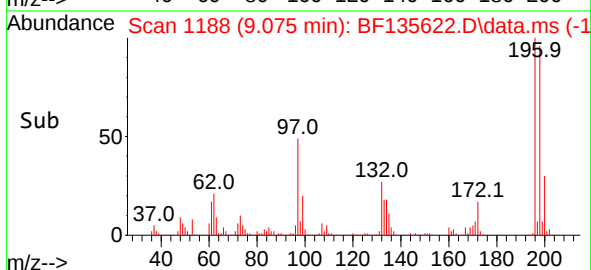
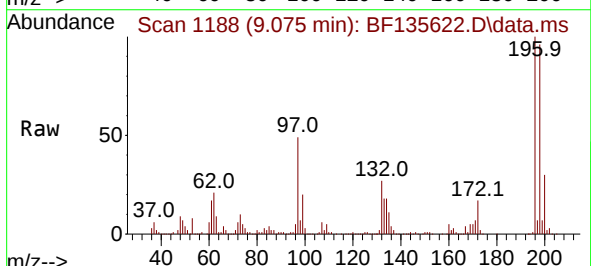
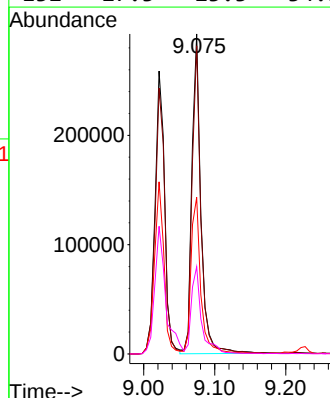
Ion Ratio Lower Upper

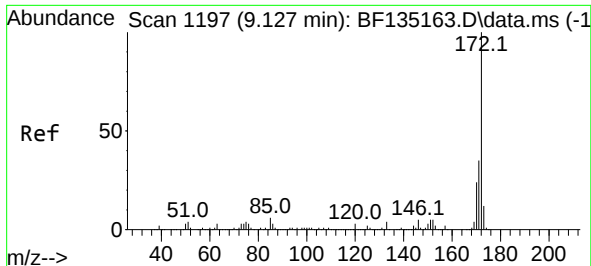
196 100

198 96.3 77.5 116.3

97 49.0 40.5 60.7

132 27.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.016 ng

RT: 9.098 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB156122BS

Tgt Ion:172 Resp: 147930

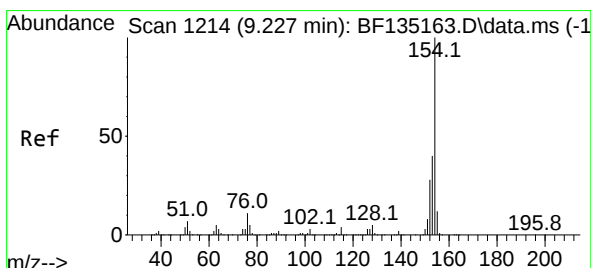
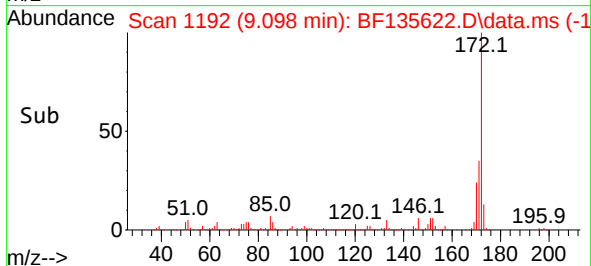
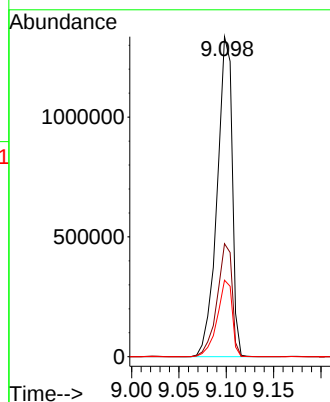
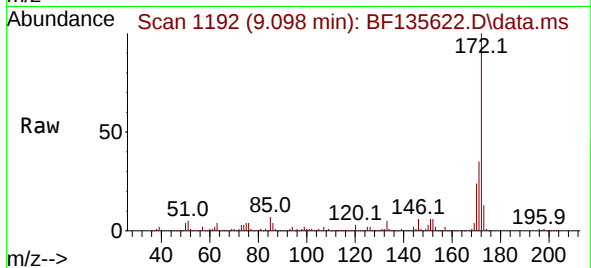
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.4	42.6
170	23.9	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#46

1,1'-Biphenyl

Concen: 40.261 ng

RT: 9.204 min Scan# 1210

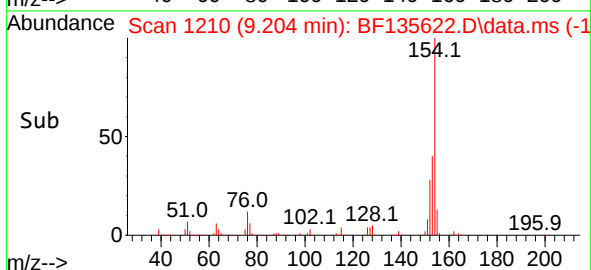
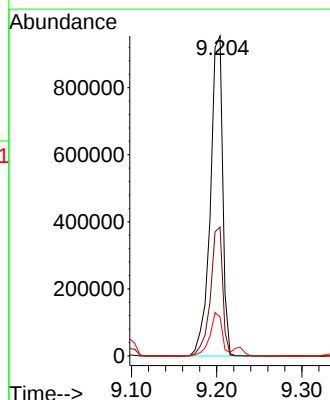
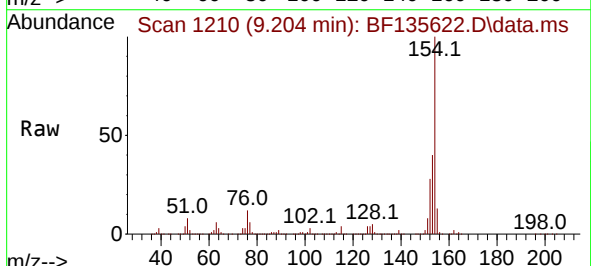
Delta R.T. 0.006 min

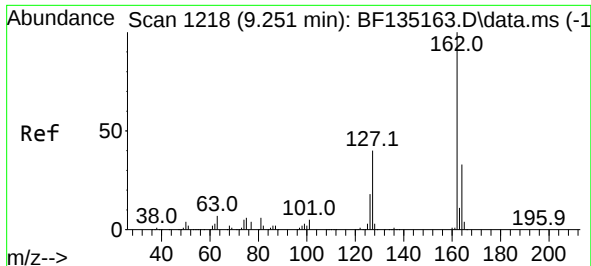
Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Tgt Ion:154 Resp: 958862

Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.6	59.6
76	12.2	0.0	31.0





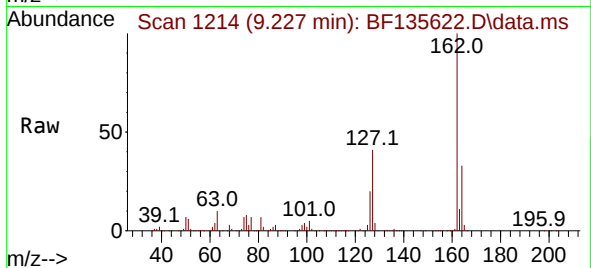
#47
2-Chloronaphthalene
Concen: 42.465 ng
RT: 9.227 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB156122BS

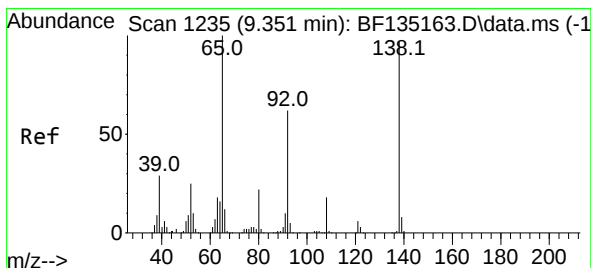
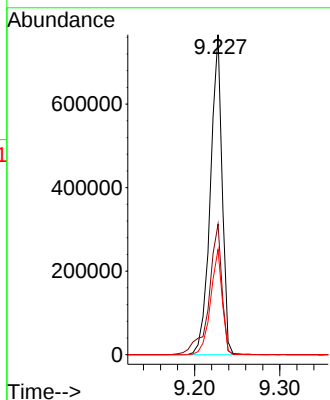
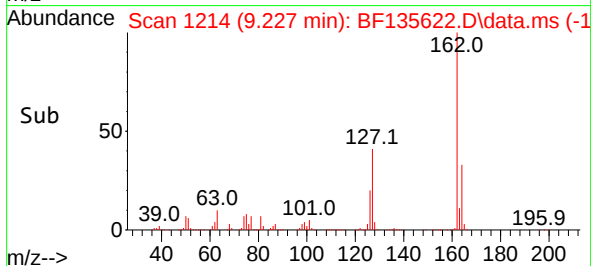


Tgt Ion:162 Resp: 733795
Ion Ratio Lower Upper
162 100
127 40.8 32.6 48.8
164 32.9 26.2 39.2

Manual Integrations

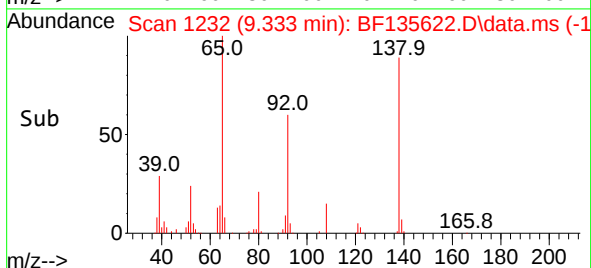
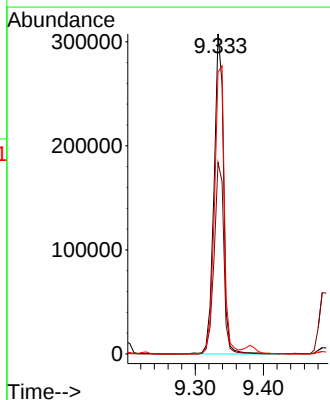
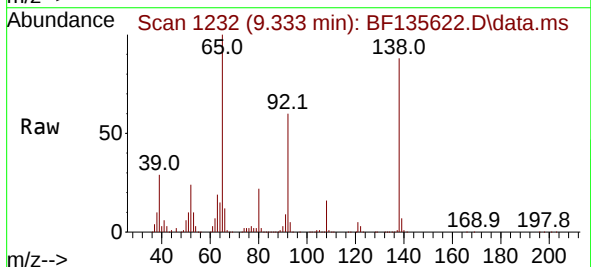
APPROVED

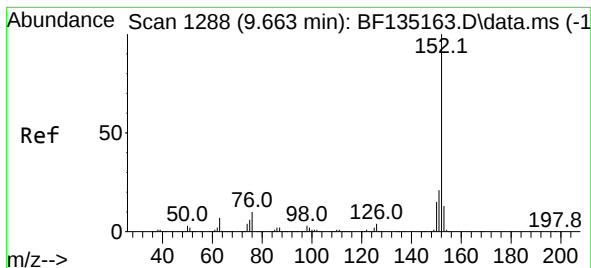
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#48
2-Nitroaniline
Concen: 44.405 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Tgt Ion: 65 Resp: 298104
Ion Ratio Lower Upper
65 100
92 59.8 49.4 74.0
138 88.1 77.4 116.0





#49

Acenaphthylene

Concen: 40.426 ng

RT: 9.639 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB156122BS

Tgt Ion:152 Resp: 116095

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

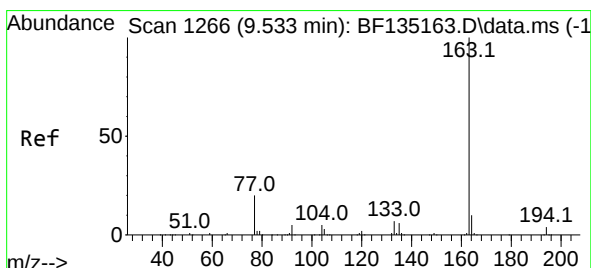
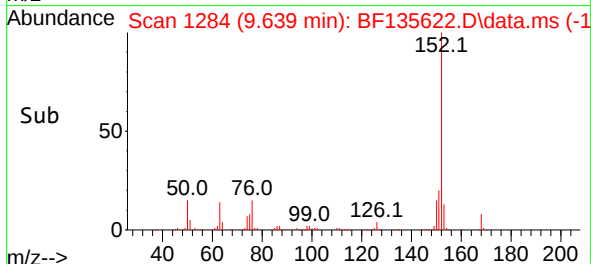
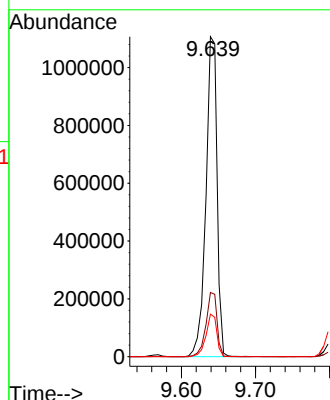
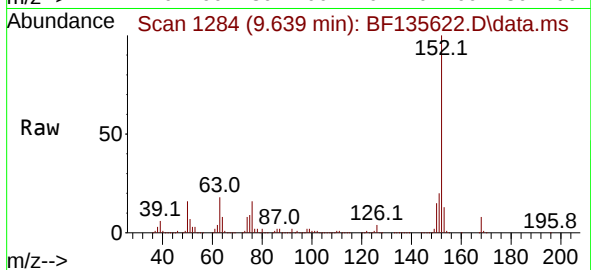
153 13.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#50

Dimethylphthalate

Concen: 41.906 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

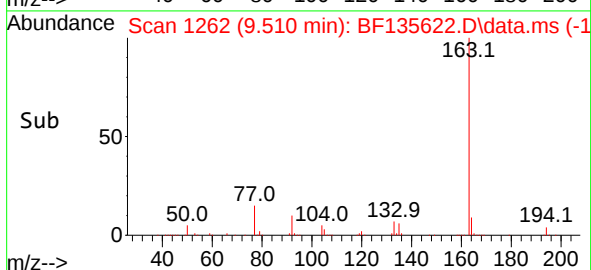
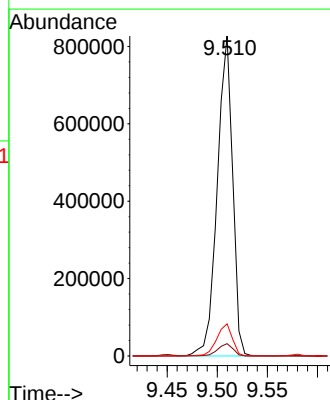
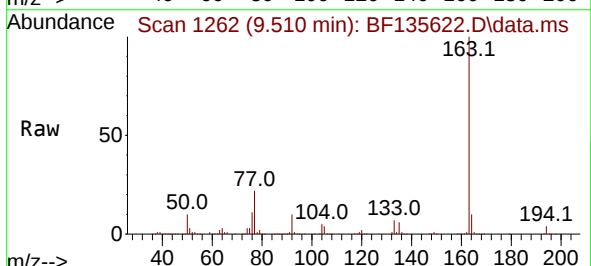
Tgt Ion:163 Resp: 878058

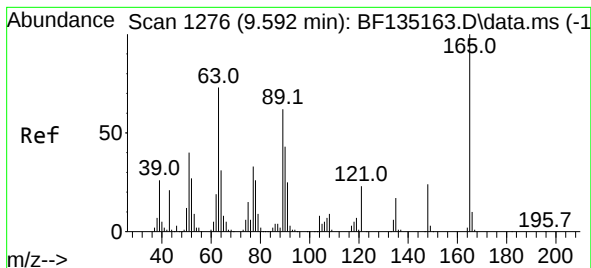
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

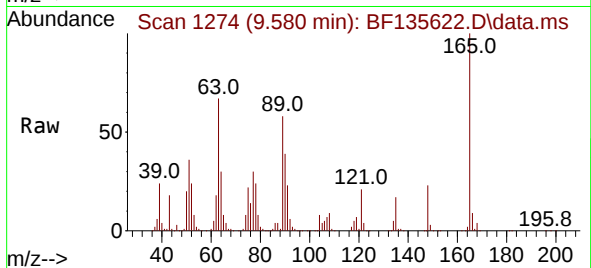
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 41.875 ng
RT: 9.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

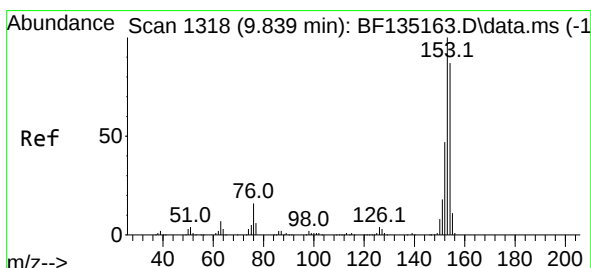
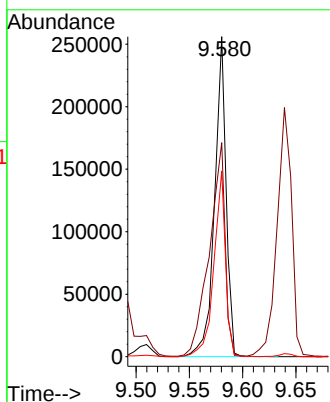
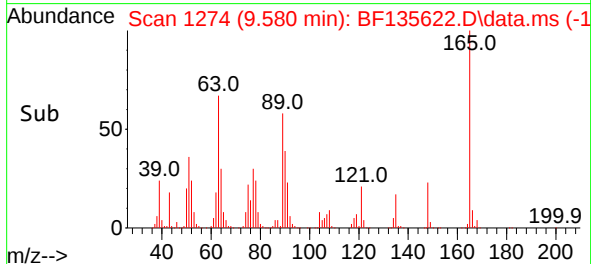
Instrument :
BNA_F
ClientSampleId :
PB156122BS



Tgt Ion:165 Resp: 192215
Ion Ratio Lower Upper
165 100
63 66.9 59.4 89.2
89 58.1 49.8 74.8

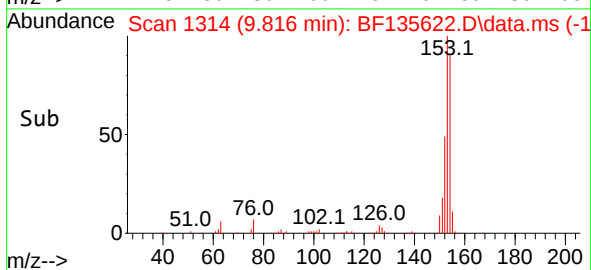
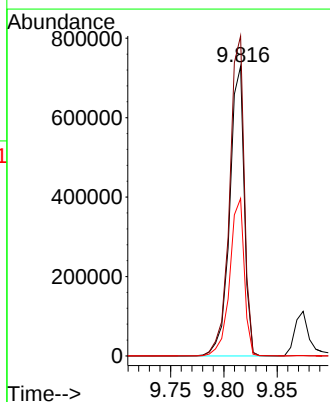
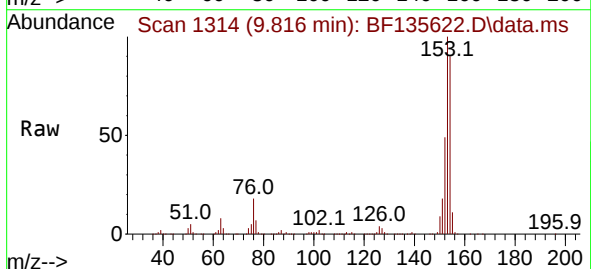
Manual Integrations
APPROVED

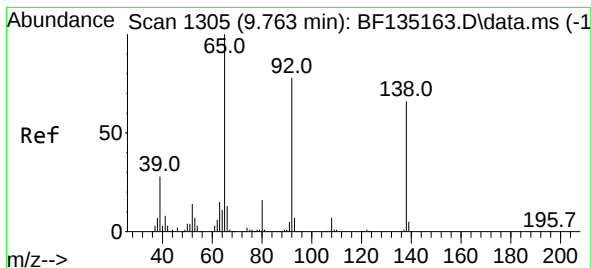
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#52
Acenaphthene
Concen: 40.992 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Tgt Ion:154 Resp: 695433
Ion Ratio Lower Upper
154 100
153 110.5 92.1 138.1
152 54.4 43.1 64.7





#53
3-Nitroaniline
Concen: 31.245 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

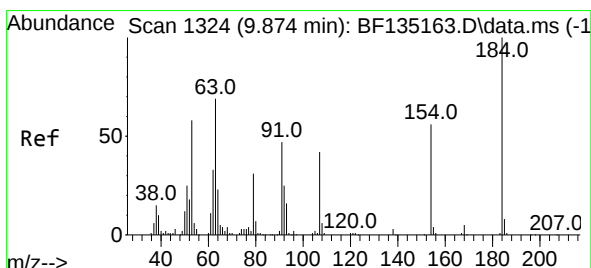
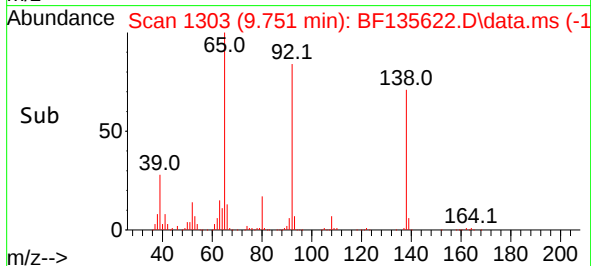
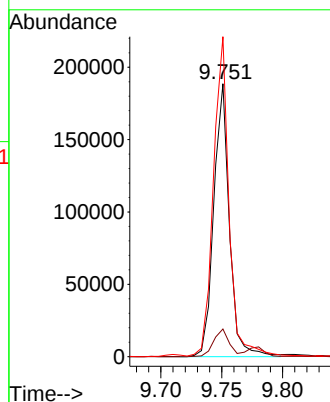
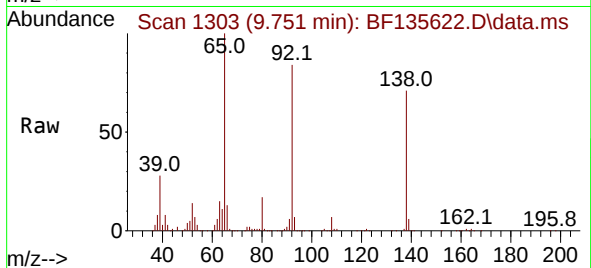
PB156122BS

Tgt Ion:138 Resp: 16835
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 117.2 95.4 143.0

Manual Integrations

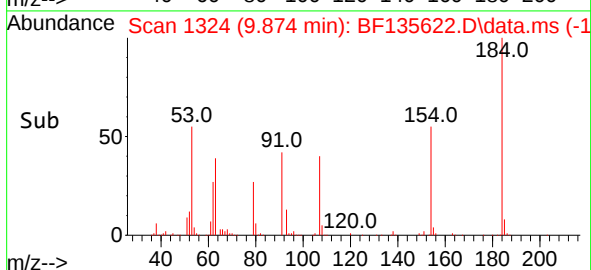
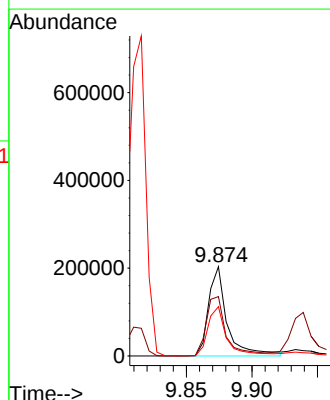
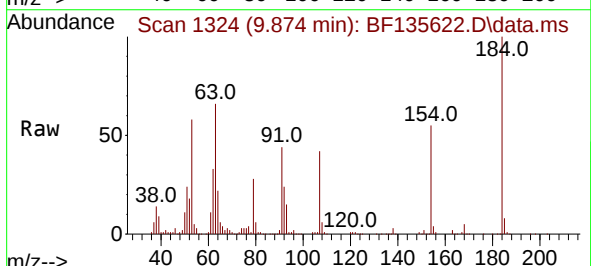
APPROVED

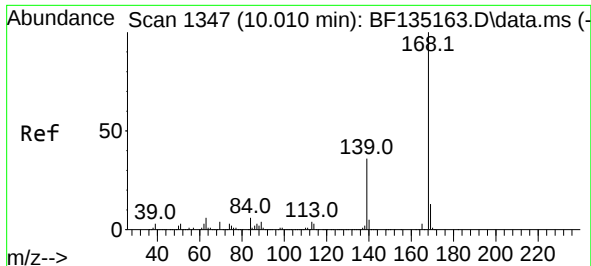
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#54
2,4-Dinitrophenol
Concen: 77.588 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

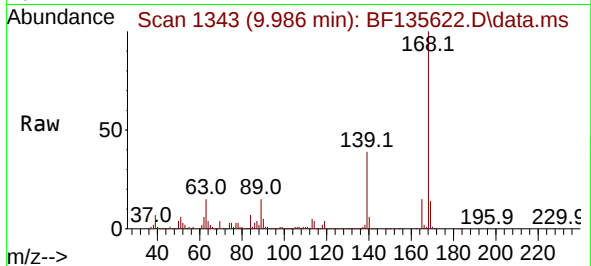
Tgt Ion:184 Resp: 201648
Ion Ratio Lower Upper
184 100
63 66.4 55.1 82.7
154 55.3 48.4 72.6





#55
Dibenzenofuran
Concen: 38.734 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

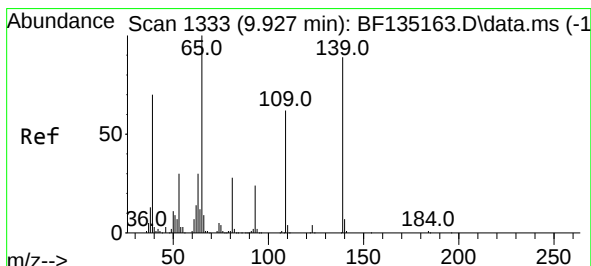
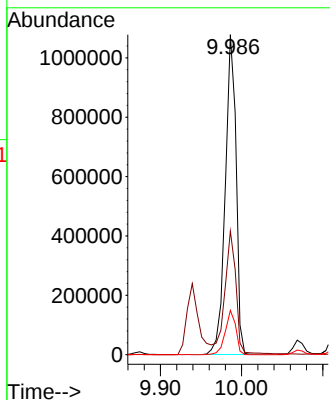
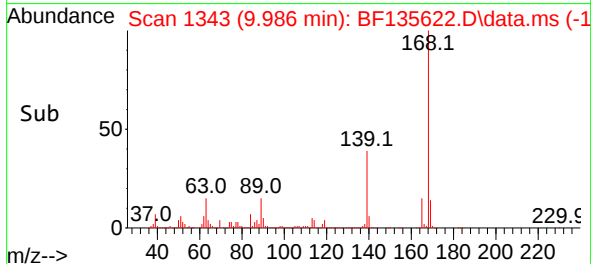
Instrument :
BNA_F
ClientSampleId :
PB156122BS



Tgt Ion:168 Resp: 1002779
Ion Ratio Lower Upper
168 100
139 38.6 29.0 43.6
169 13.9 10.4 15.6

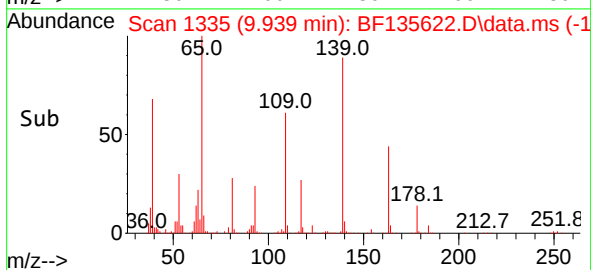
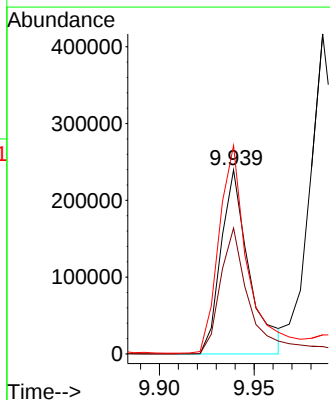
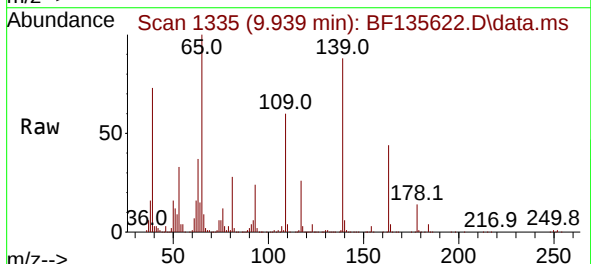
Manual Integrations
APPROVED

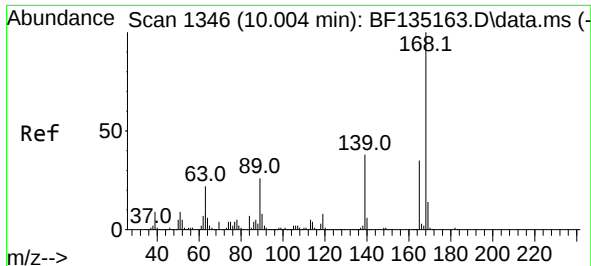
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#56
4-Nitrophenol
Concen: 72.193 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

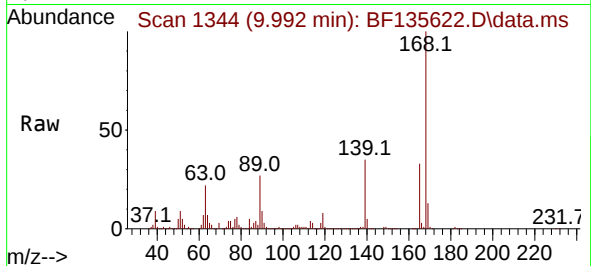
Tgt Ion:139 Resp: 247217
Ion Ratio Lower Upper
139 100
109 68.4 49.8 89.8
65 113.3 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 40.925 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

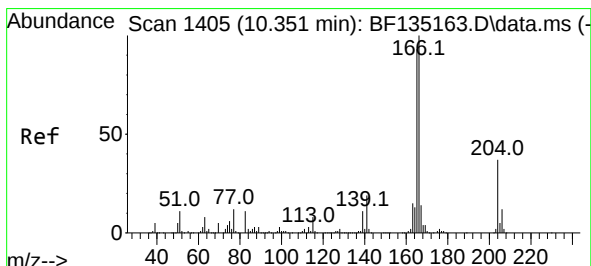
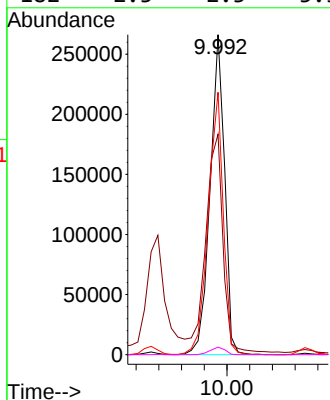
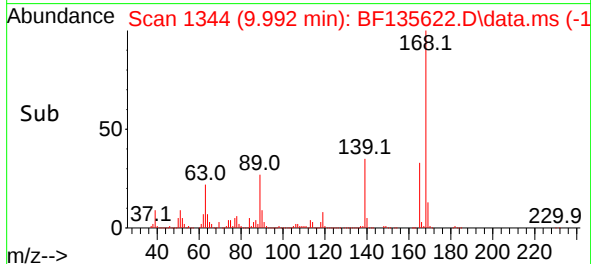
Instrument :
BNA_F
ClientSampleId :
PB156122BS



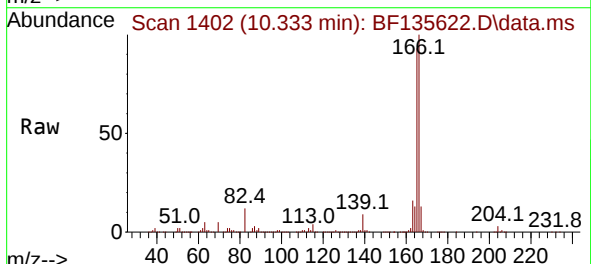
Tgt Ion:165 Resp: 235170
Ion Ratio Lower Upper
165 100
63 68.9 50.1 75.1
89 82.0 59.3 88.9
182 2.3 2.3 3.5

Manual Integrations
APPROVED

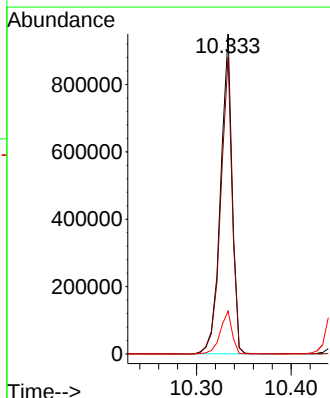
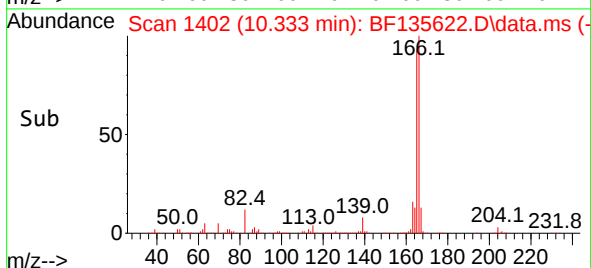
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

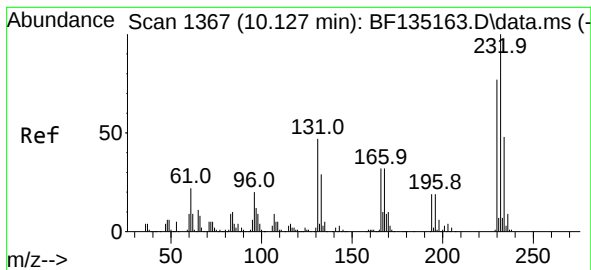


#58
Fluorene
Concen: 40.433 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22



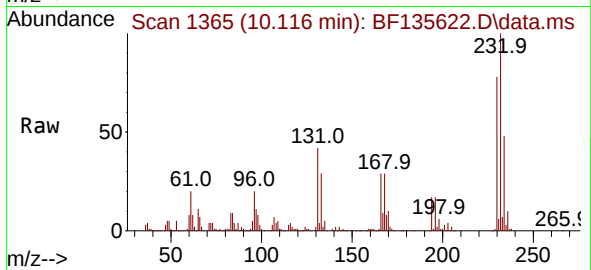
Tgt Ion:166 Resp: 804700
Ion Ratio Lower Upper
166 100
165 92.8 74.3 111.5
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.379 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

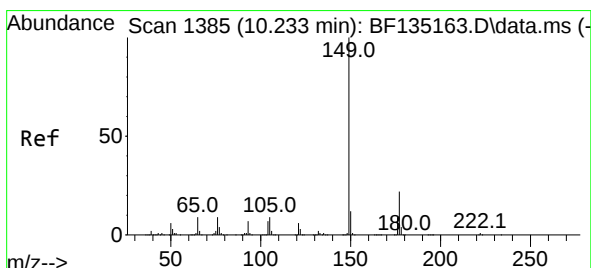
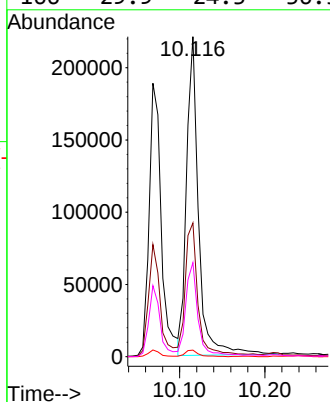
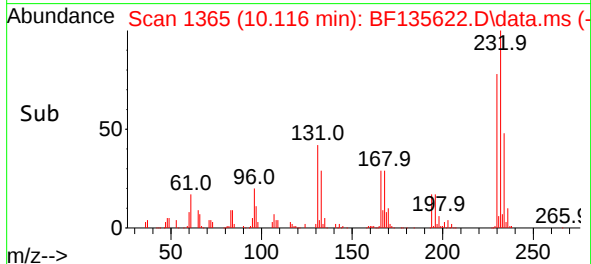
Instrument :
BNA_F
ClientSampleId :
PB156122BS



Tgt Ion:232 Resp: 21548
Ion Ratio Lower Upper
232 100
131 45.7 35.4 53.2
130 2.4 1.8 2.8
166 29.9 24.3 36.5

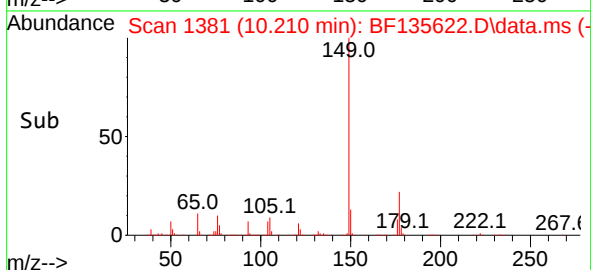
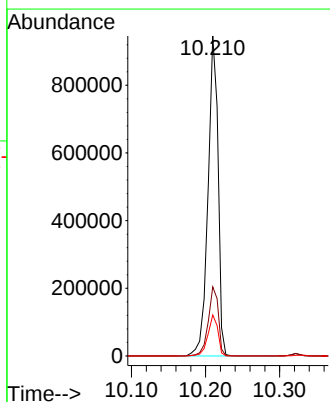
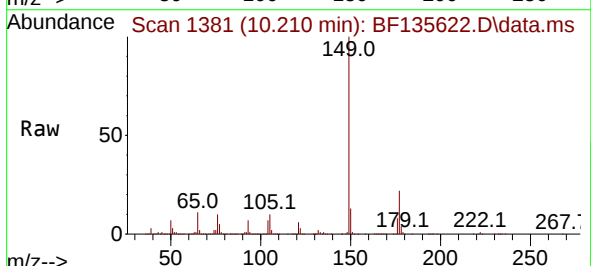
Manual Integrations
APPROVED

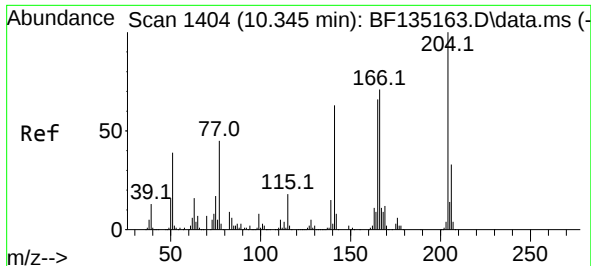
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#60
Diethylphthalate
Concen: 42.494 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

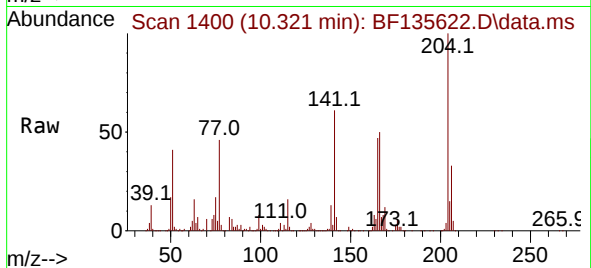
Tgt Ion:149 Resp: 893576
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.841 ng
RT: 10.321 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

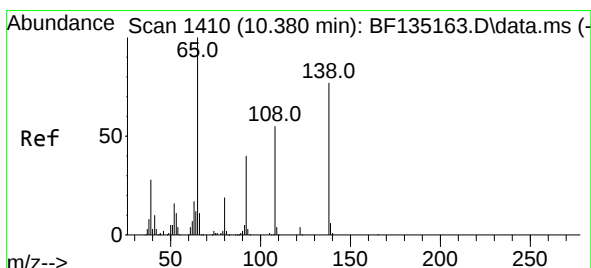
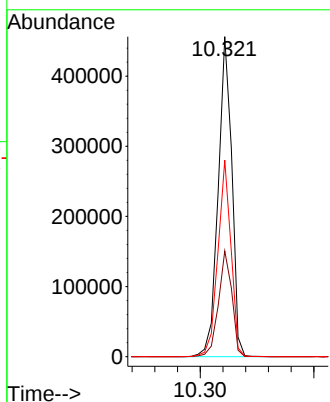
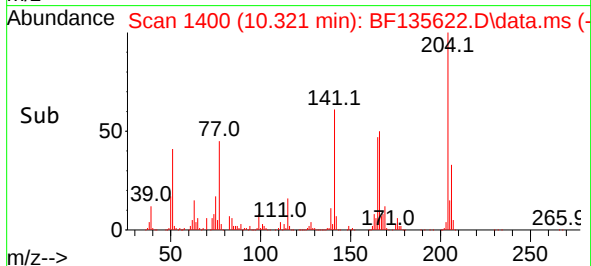
Instrument :
BNA_F
ClientSampleId :
PB156122BS



Tgt Ion:204 Resp: 380894
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 61.4 50.6 75.8

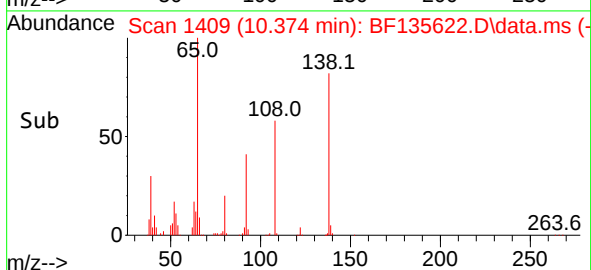
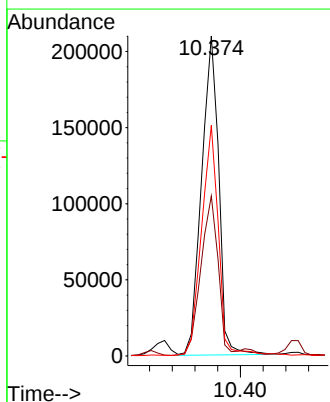
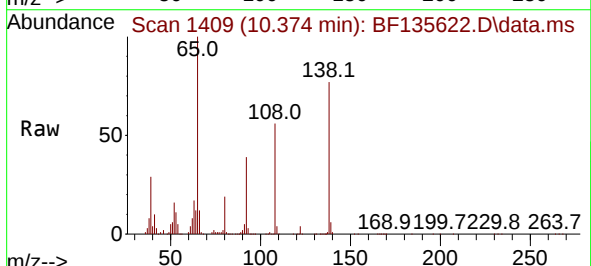
Manual Integrations
APPROVED

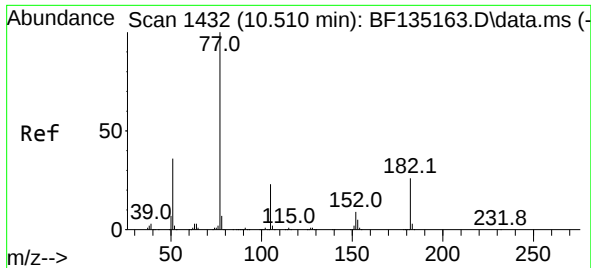
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#62
4-Nitroaniline
Concen: 42.314 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

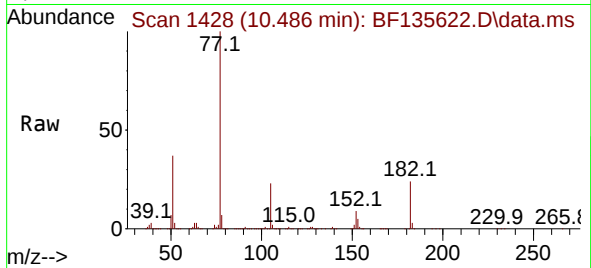
Tgt Ion:138 Resp: 219153
Ion Ratio Lower Upper
138 100
92 50.0 31.8 71.8
108 72.1 52.0 92.0





#63
Azobenzene
Concen: 44.104 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

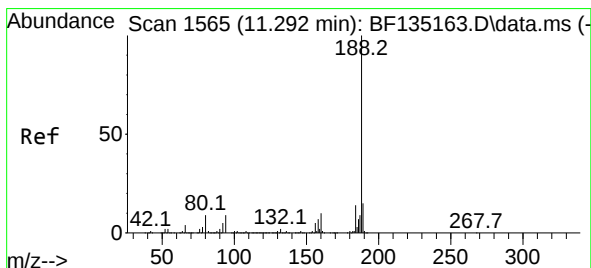
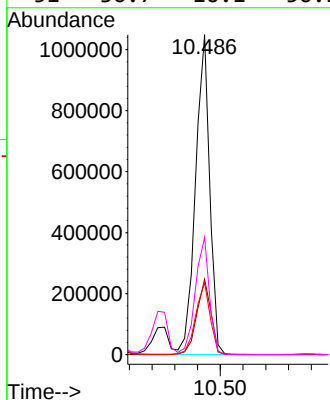
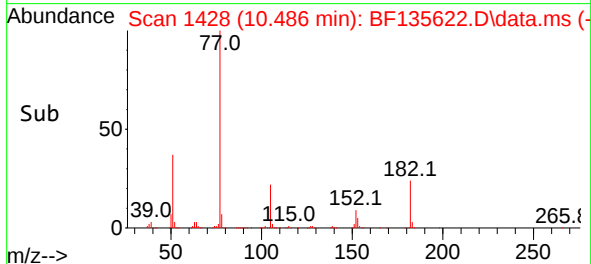
Instrument :
BNA_F
ClientSampleId :
PB156122BS



Tgt Ion: 77 Resp: 907678
Ion Ratio Lower Upper
77 100
182 23.6 6.4 46.4
105 22.5 3.1 43.1
51 36.7 16.1 56.1

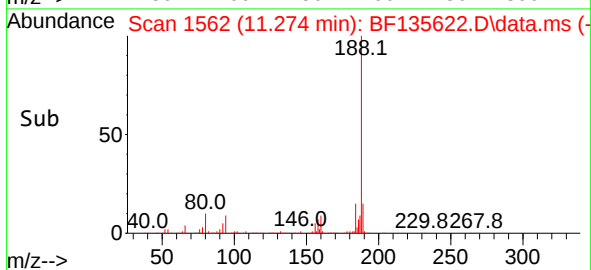
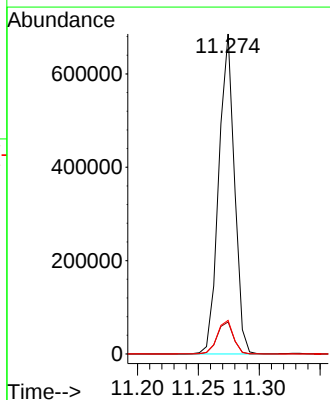
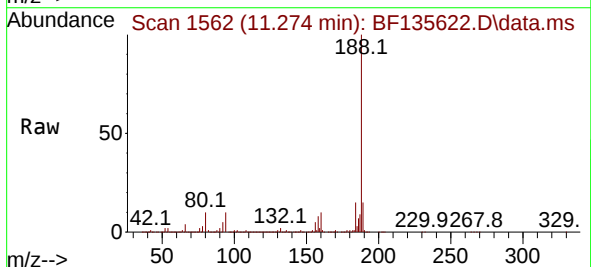
Manual Integrations
APPROVED

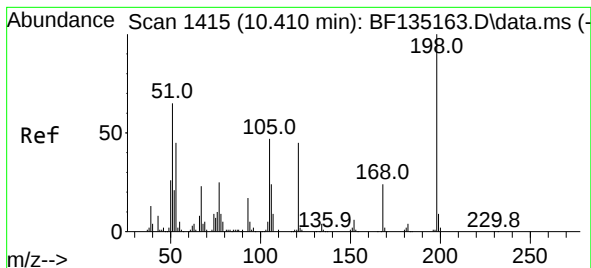
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Tgt Ion:188 Resp: 616554
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.5 7.5 11.3





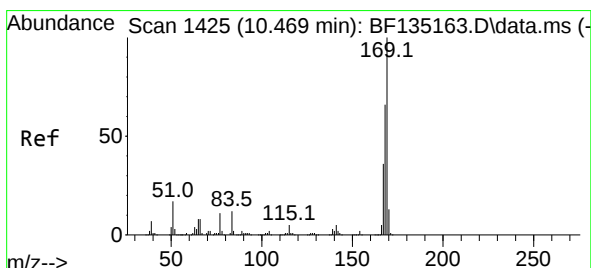
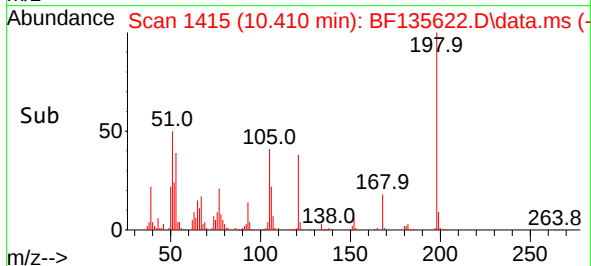
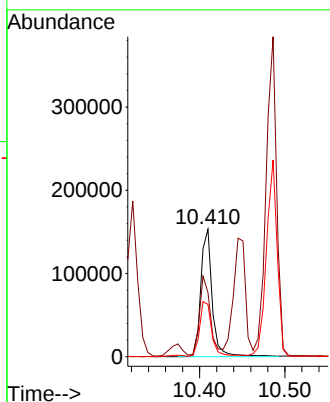
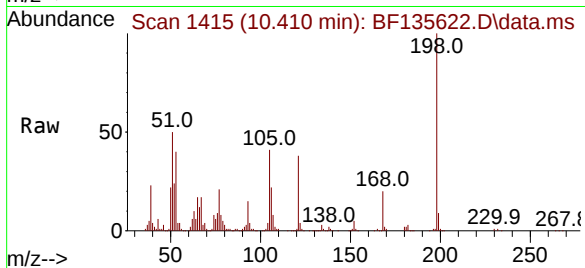
#65
4,6-Dinitro-2-methylphenol
Concen: 43.497 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Instrument :
BNA_F
ClientSampleId :
PB156122BS

Tgt Ion:198 Resp: 14244
Ion Ratio Lower Upper
198 100
51 50.3 47.7 87.7
105 41.1 27.4 67.4

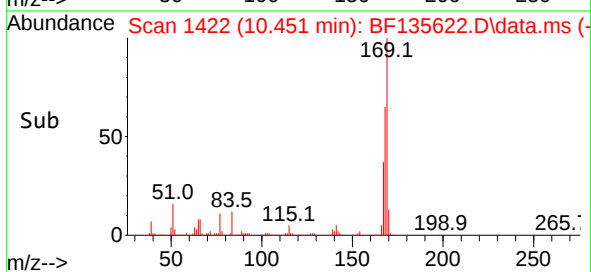
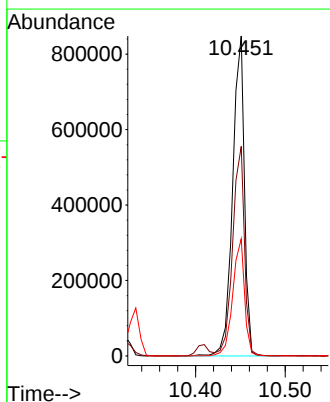
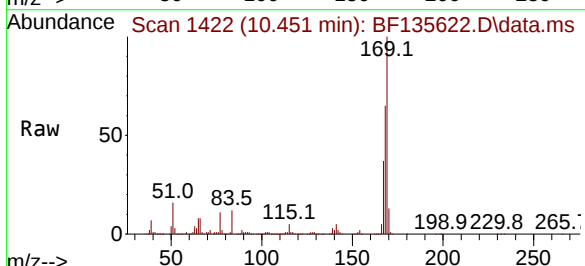
Manual Integrations
APPROVED

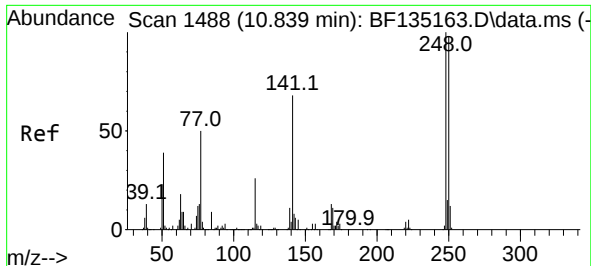
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#66
n-Nitrosodiphenylamine
Concen: 41.435 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

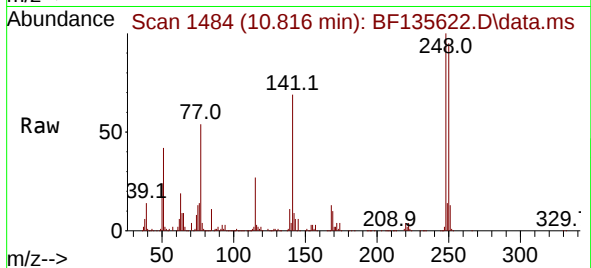
Tgt Ion:169 Resp: 773428
Ion Ratio Lower Upper
169 100
168 65.5 52.8 79.2
167 36.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 40.067 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

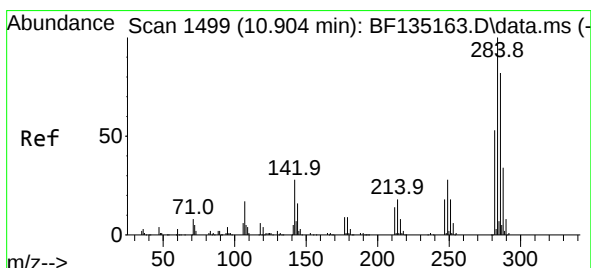
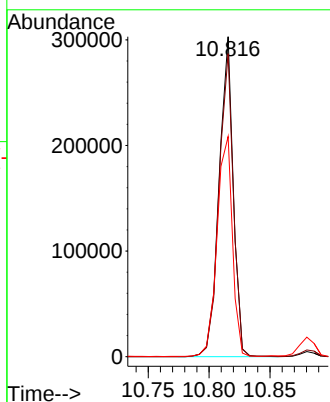
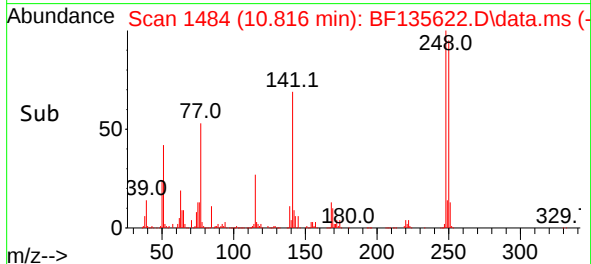
Instrument :
BNA_F
ClientSampleId :
PB156122BS



Tgt Ion:248 Resp: 245692
Ion Ratio Lower Upper
248 100
250 94.7 78.6 117.8
141 68.8 54.2 81.2

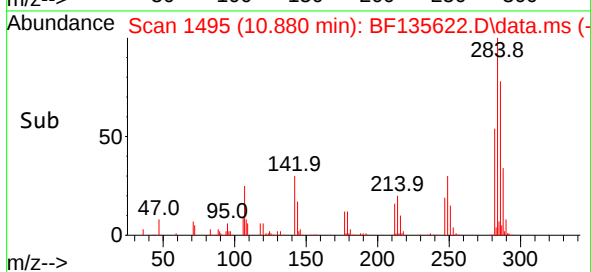
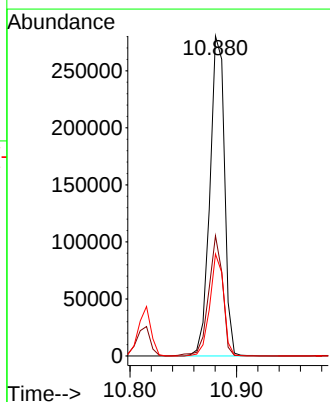
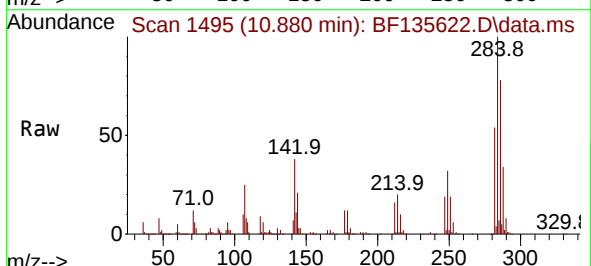
Manual Integrations
APPROVED

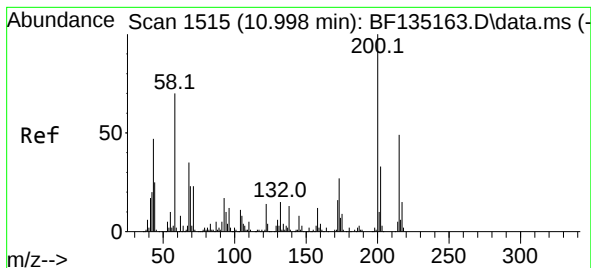
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#68
Hexachlorobenzene
Concen: 42.719 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Tgt Ion:284 Resp: 266876
Ion Ratio Lower Upper
284 100
142 37.6 22.2 33.4#
249 31.8 22.5 33.7





#69

Atrazine

Concen: 46.268 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.012 min

Lab File: BF135622.D

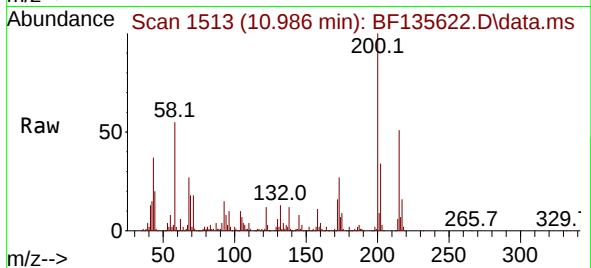
Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB156122BS



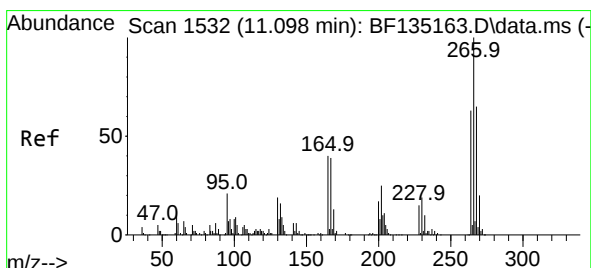
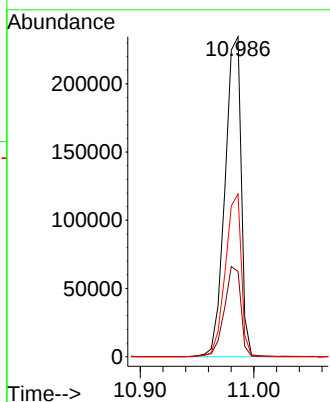
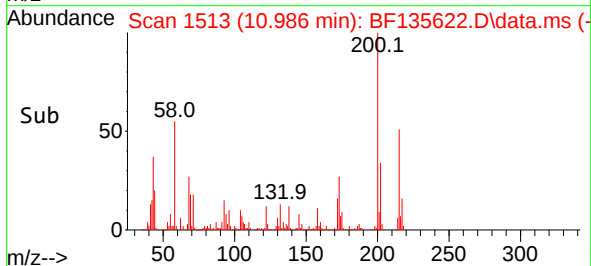
Tgt Ion:	200	Resp:	232380
Ion Ratio	Lower	Upper	
200	100		
173	26.6	7.4	47.4
215	50.8	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#70

Pentachlorophenol

Concen: 53.526 ng

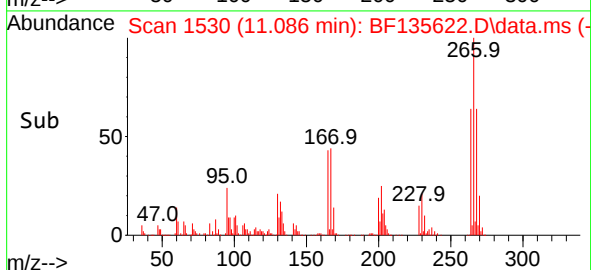
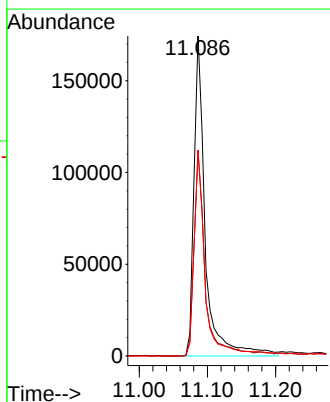
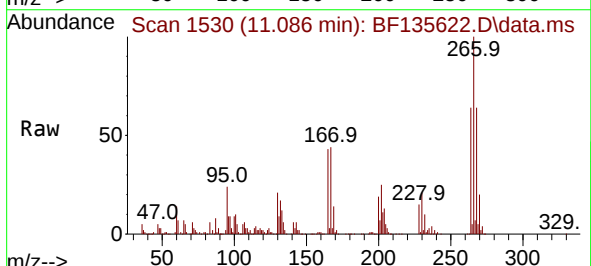
RT: 11.086 min Scan# 1530

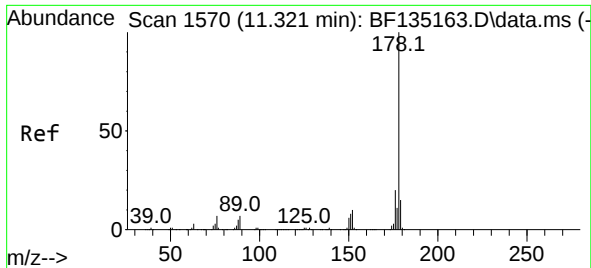
Delta R.T. 0.006 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Tgt Ion:	266	Resp:	200064
Ion Ratio	Lower	Upper	
266	100		
268	64.0	52.1	78.1
264	64.3	50.8	76.2





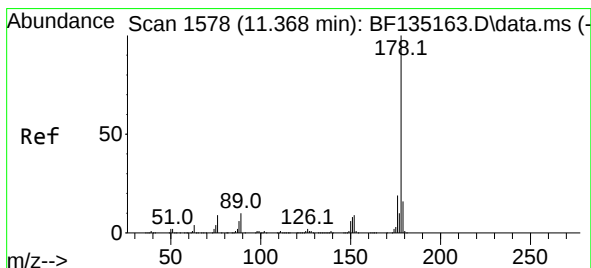
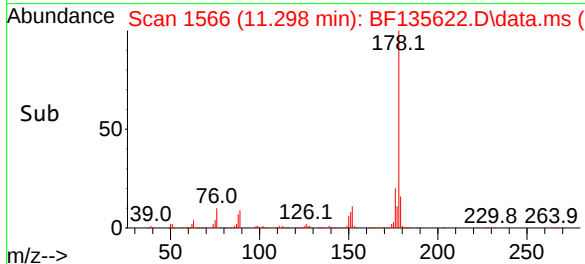
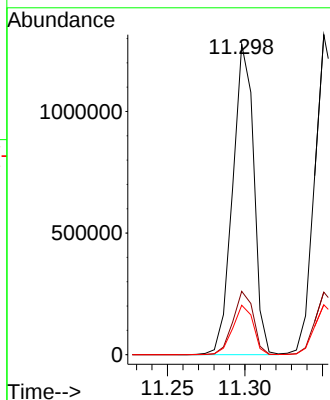
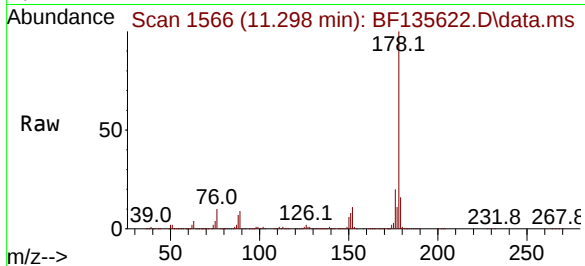
#71
Phenanthrene
Concen: 41.498 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Instrument :
BNA_F
ClientSampleId :
PB156122BS

Tgt Ion:178 Resp: 121008
Ion Ratio Lower Upper
178 100
176 20.4 15.6 23.4
179 15.9 12.0 18.0

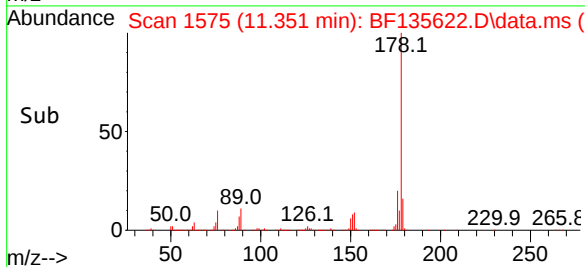
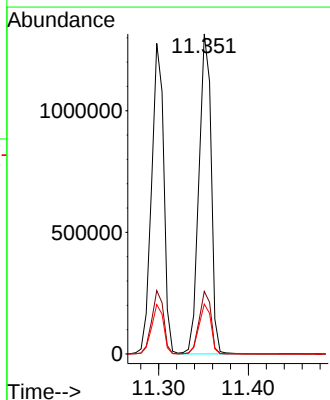
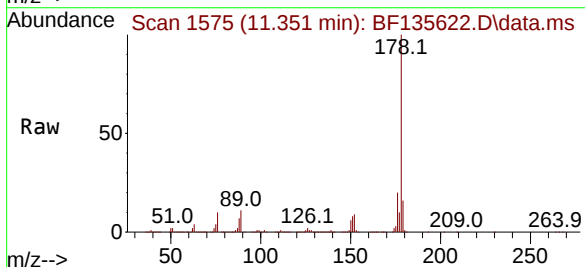
Manual Integrations
APPROVED

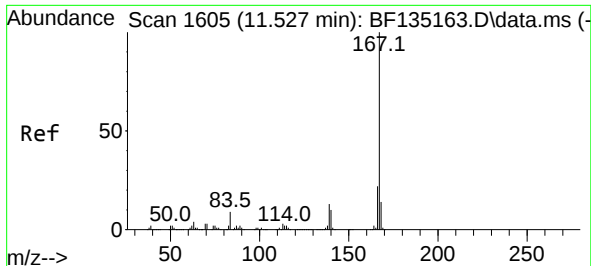
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#72
Anthracene
Concen: 41.462 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

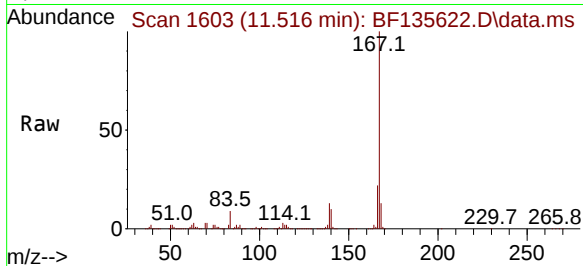
Tgt Ion:178 Resp: 1242779
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 43.923 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. 0.006 min
 Lab File: BF135622.D
 Acq: 06 Oct 2023 11:22

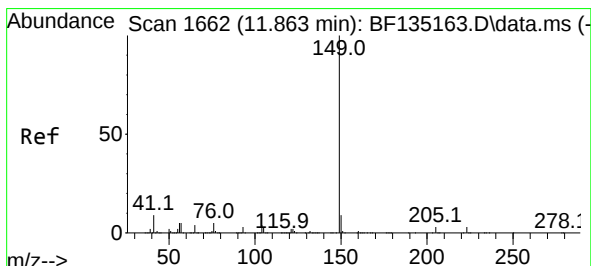
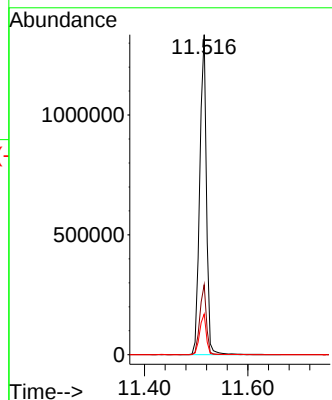
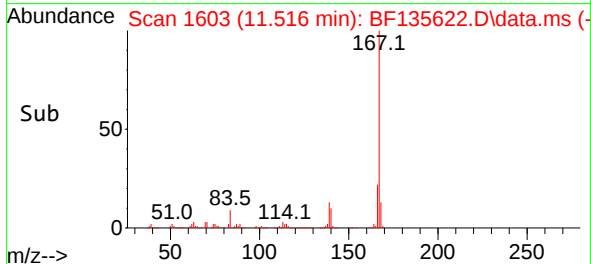
Instrument :
 BNA_F
 ClientSampleId :
 PB156122BS



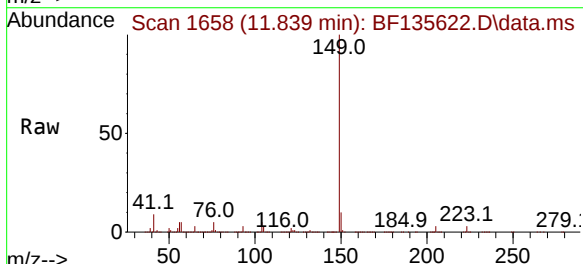
Tgt Ion:167 Resp: 119846
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 12.7 10.6 15.8

Manual Integrations
 APPROVED

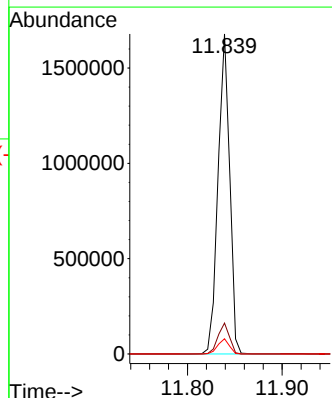
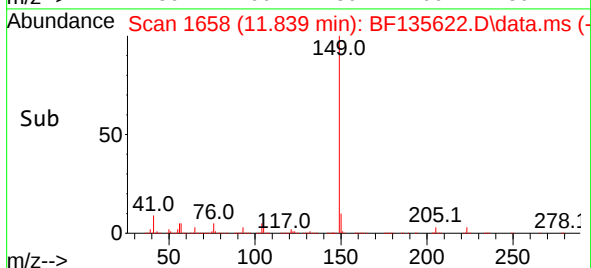
Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

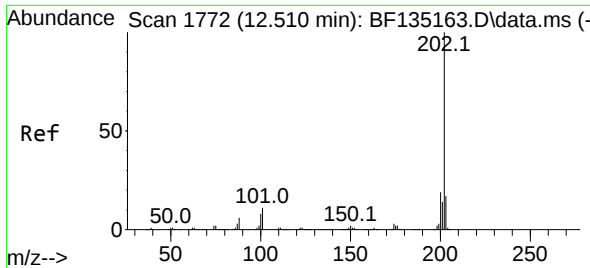


#74
 Di-n-butylphthalate
 Concen: 44.253 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. 0.006 min
 Lab File: BF135622.D
 Acq: 06 Oct 2023 11:22



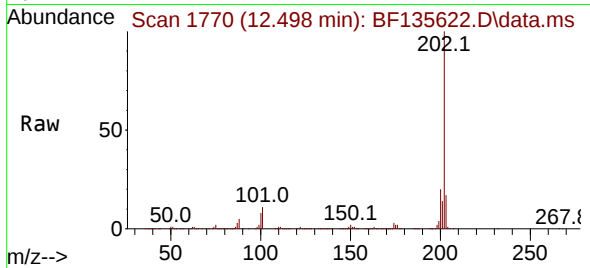
Tgt Ion:149 Resp: 1422826
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.0
 104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 43.389 ng
RT: 12.498 min Scan# 1772
Delta R.T. 0.012 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

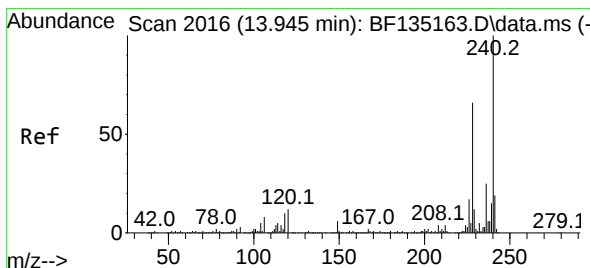
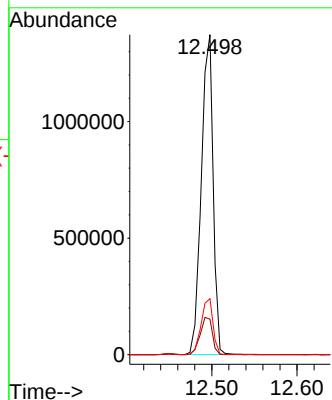
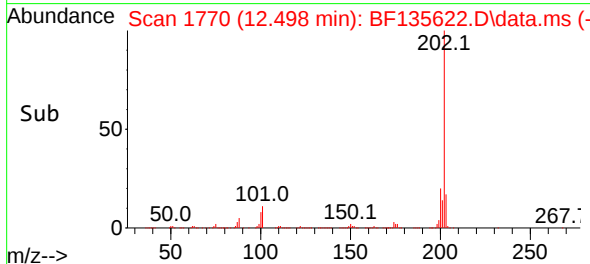
Instrument :
BNA_F
ClientSampleId :
PB156122BS



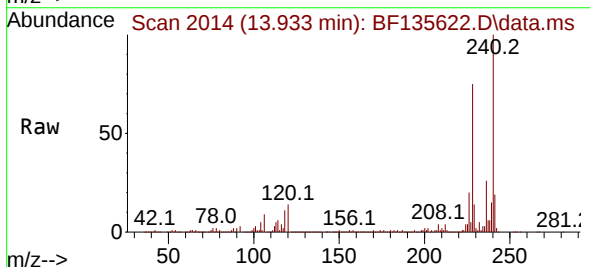
Tgt Ion:202 Resp: 131837
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.3
203 17.5 0.0 37.4

Manual Integrations
APPROVED

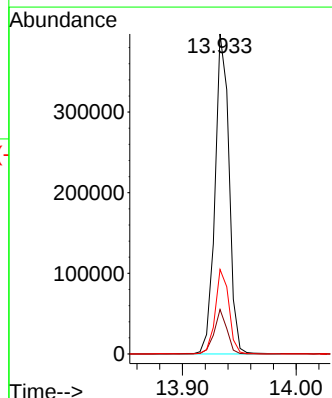
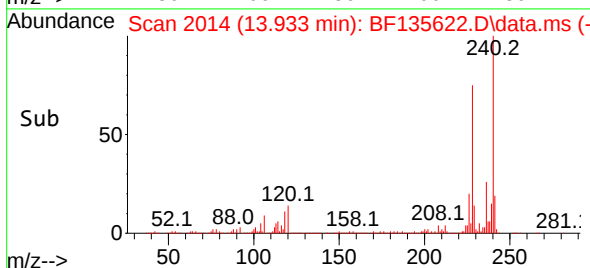
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

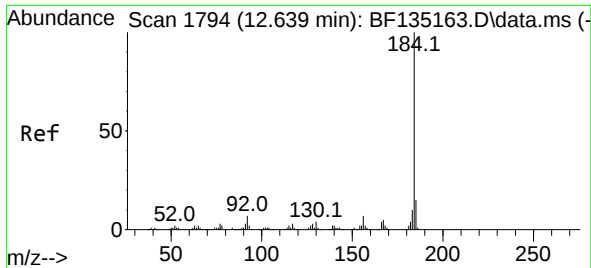


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22



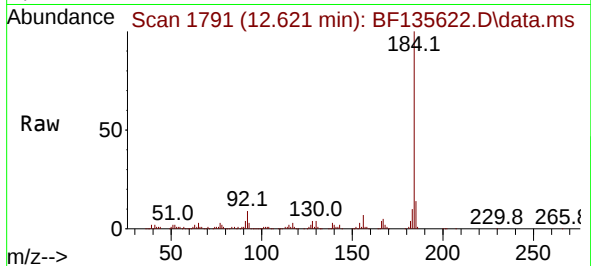
Tgt Ion:240 Resp: 341616
Ion Ratio Lower Upper
240 100
120 13.9 9.4 14.2
236 26.4 19.8 29.8





#77
Benzidine
Concen: 22.358 ng
RT: 12.621 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

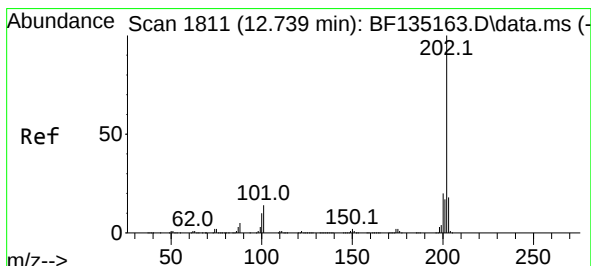
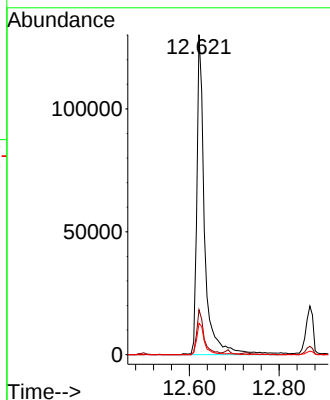
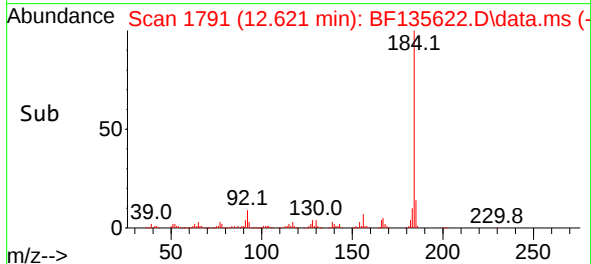
Instrument :
BNA_F
ClientSampleId :
PB156122BS



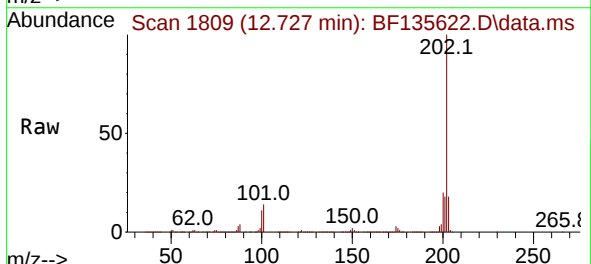
Tgt Ion:184 Resp: 156472
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 9.8 8.2 12.4

Manual Integrations
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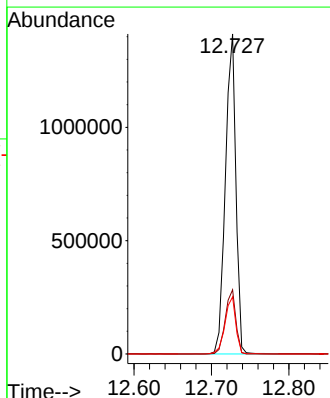
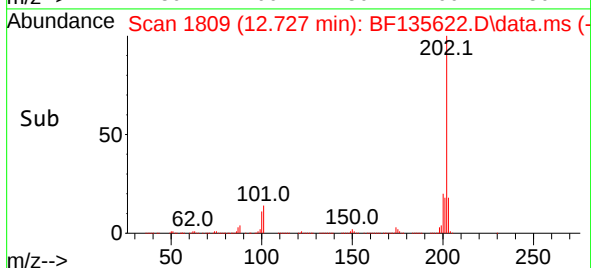
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

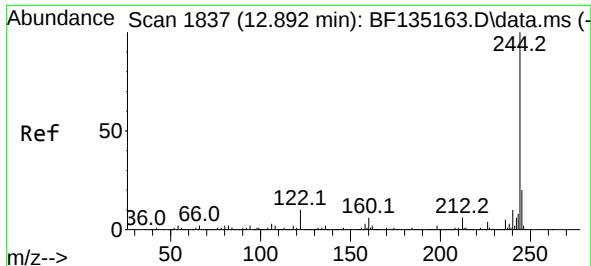


#78
Pyrene
Concen: 40.946 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.012 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22



Tgt Ion:202 Resp: 1331750
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.8 14.2 21.4





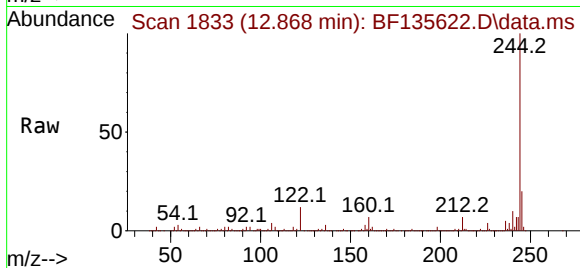
#79
 Terphenyl-d14
 Concen: 73.868 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135622.D
 Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB156122BS



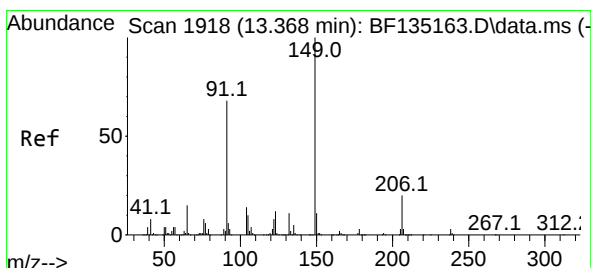
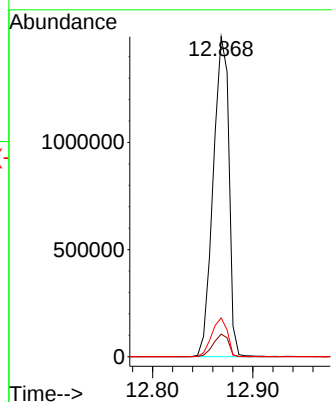
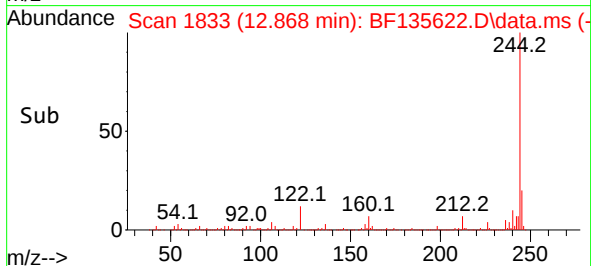
Tgt Ion:244 Resp: 1627829
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 12.1 7.9 11.9

Manual Integrations

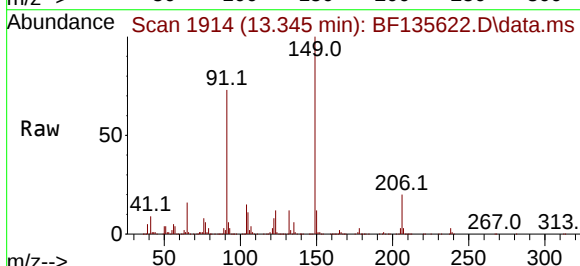
APPROVED

Reviewed By :Yogesh Patel 10/08/2023

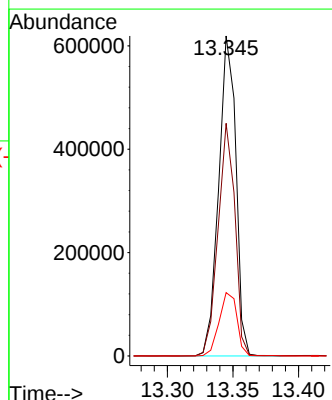
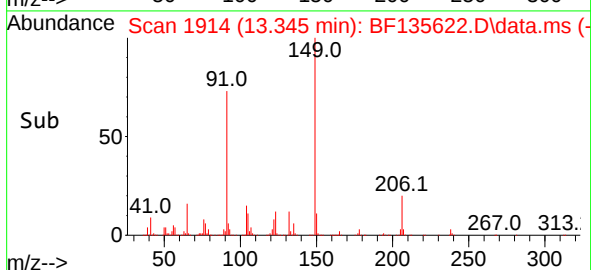
Supervised By :mohammad ahmed 10/08/2023

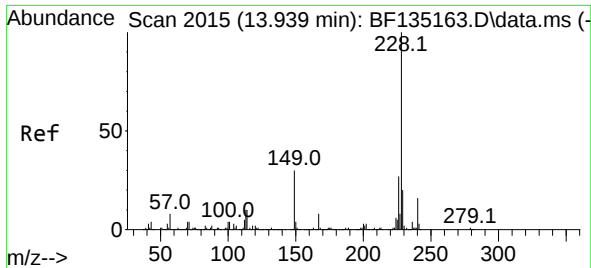


#80
 Butylbenzylphthalate
 Concen: 49.218 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.006 min
 Lab File: BF135622.D
 Acq: 06 Oct 2023 11:22



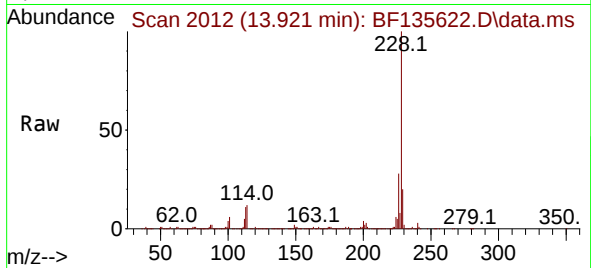
Tgt Ion:149 Resp: 563612
 Ion Ratio Lower Upper
 149 100
 91 72.7 54.7 82.1
 206 19.8 16.3 24.5





#81
Benzo(a)anthracene
Concen: 43.490 ng
RT: 13.921 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

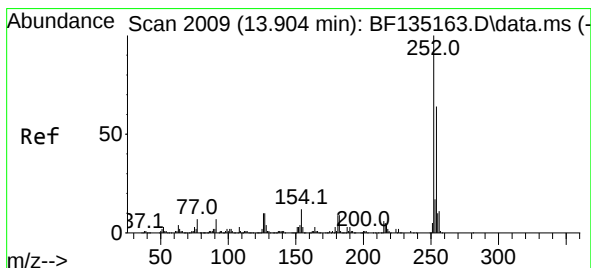
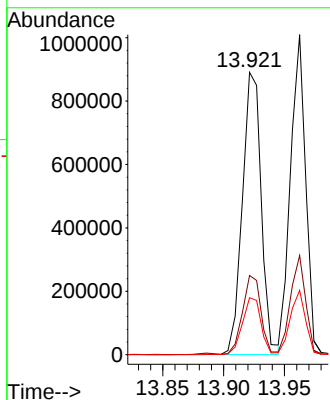
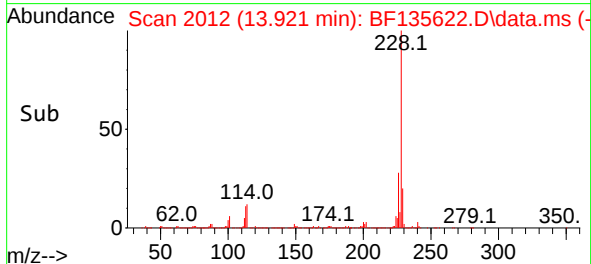
Instrument :
BNA_F
ClientSampleId :
PB156122BS



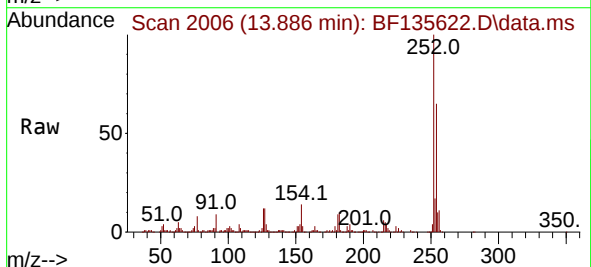
Tgt Ion:228 Resp: 959345
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 20.2 15.8 23.8

Manual Integrations
APPROVED

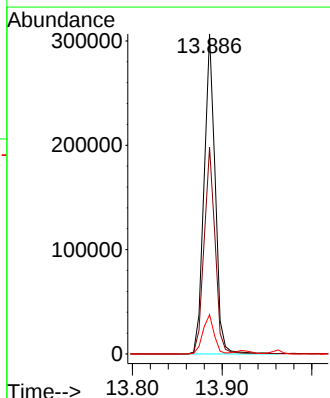
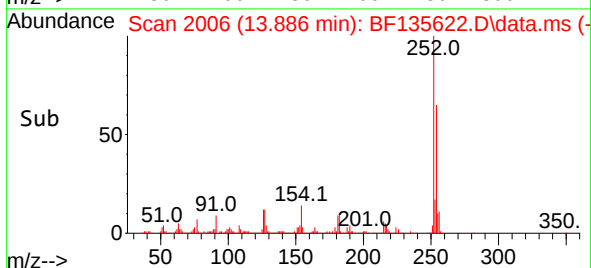
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

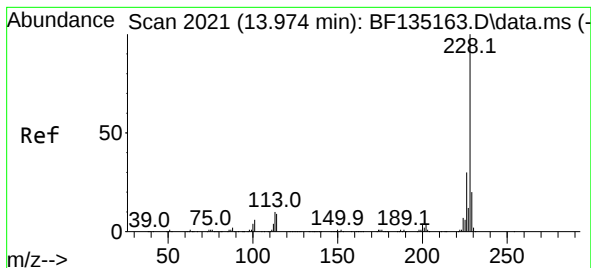


#82
3,3'-Dichlorobenzidine
Concen: 38.232 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22



Tgt Ion:252 Resp: 263426
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.4
126 12.2 7.8 11.8





#83

Chrysene

Concen: 40.091 ng

RT: 13.962 min Scan# 2019

Delta R.T. 0.012 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB156122BS

Tgt Ion:228 Resp: 879260

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

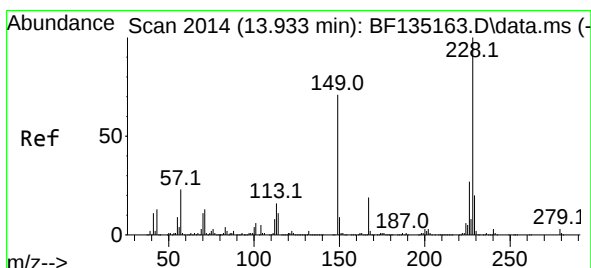
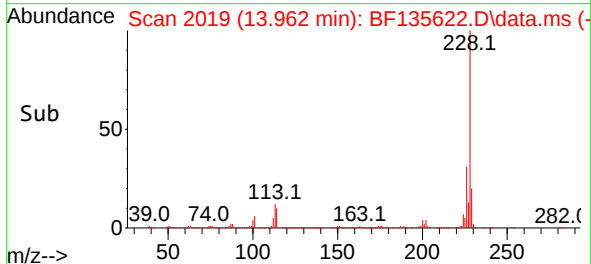
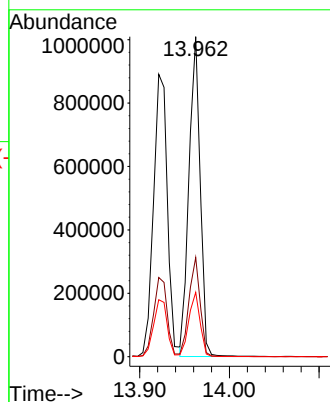
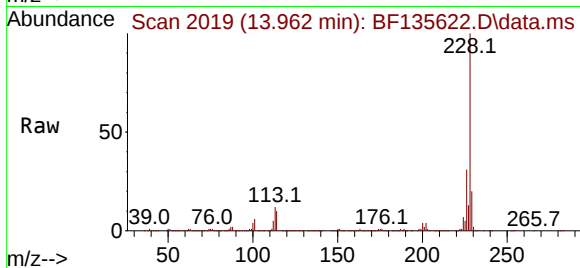
229 20.1 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.471 ng

RT: 13.909 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

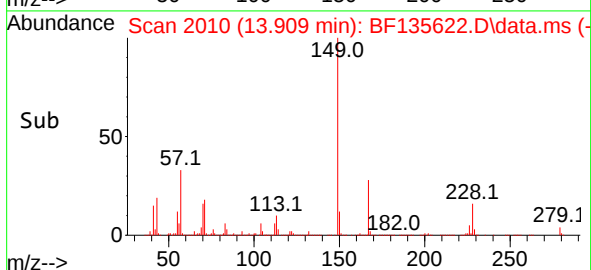
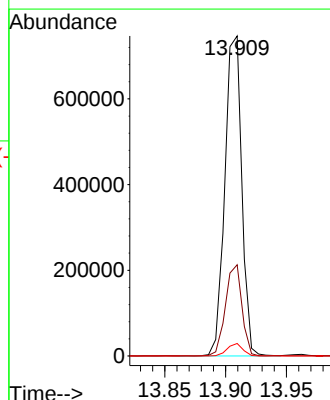
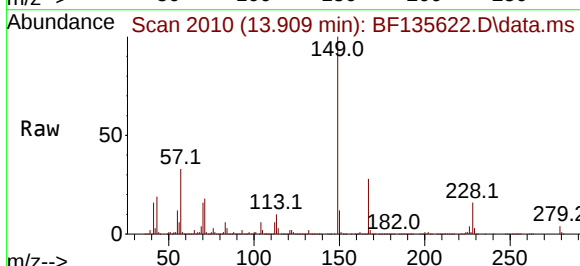
Tgt Ion:149 Resp: 722352

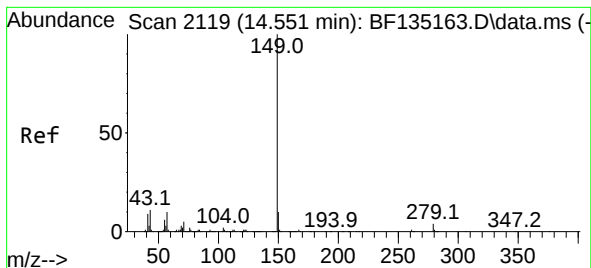
Ion Ratio Lower Upper

149 100

167 28.5 21.9 32.9

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 55.034 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.000 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB156122BS

Tgt Ion:149 Resp: 1027739

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

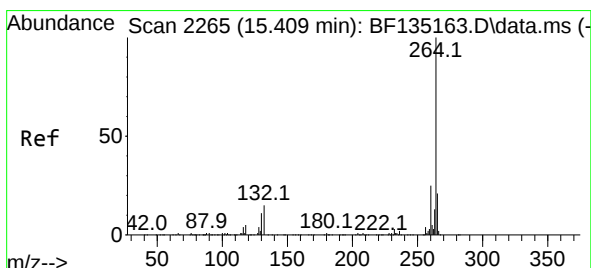
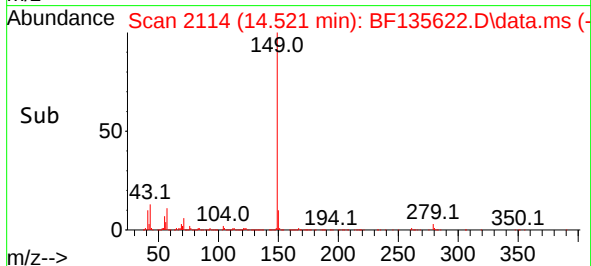
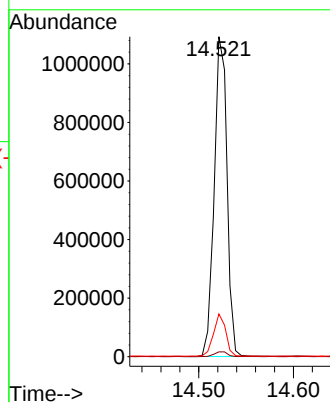
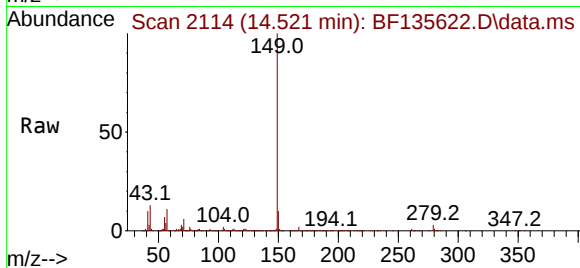
43 12.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

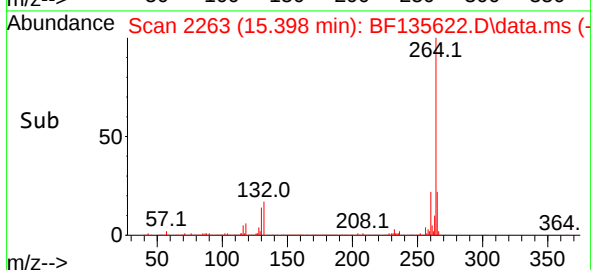
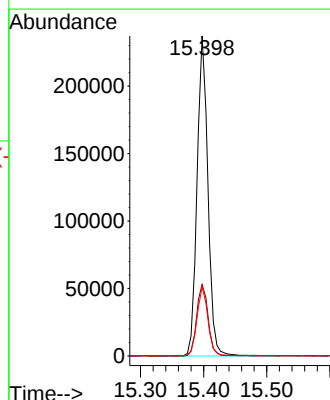
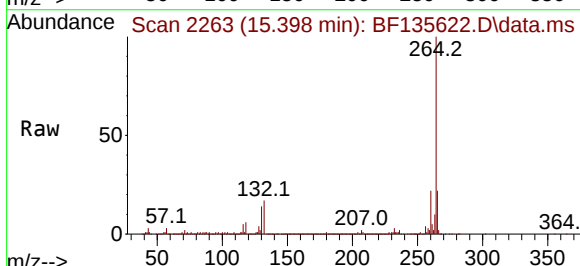
Tgt Ion:264 Resp: 282657

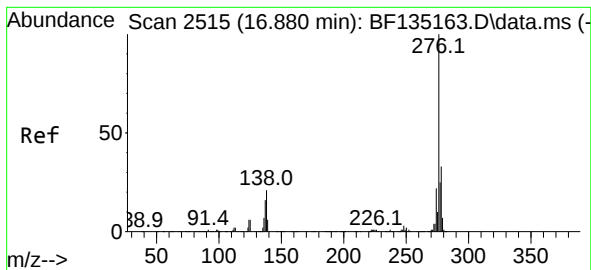
Ion Ratio Lower Upper

264 100

260 22.4 19.8 29.6

265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.625 ng

RT: 16.892 min Scan# 211

Delta R.T. 0.023 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB156122BS

Tgt Ion:276 Resp: 84555

Ion Ratio Lower Upper

276 100

138 26.2 19.2 28.8

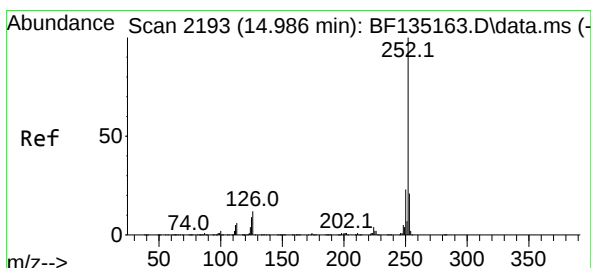
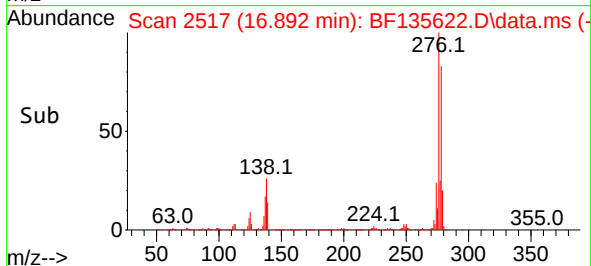
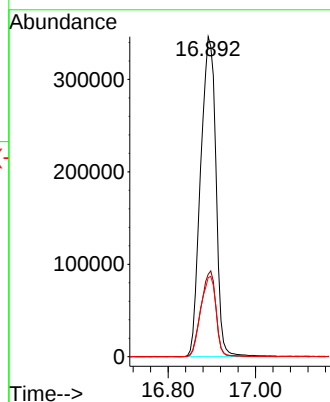
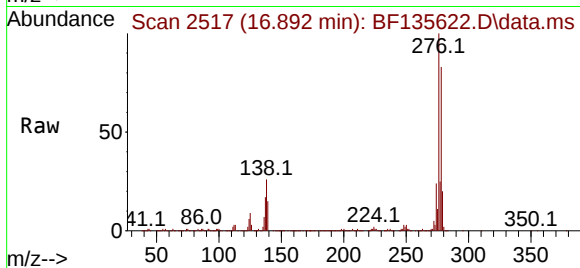
277 25.1 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023

Supervised By :mohammad ahmed 10/08/2023



#88

Benzo(b)fluoranthene

Concen: 47.210 ng

RT: 14.974 min Scan# 2191

Delta R.T. 0.012 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

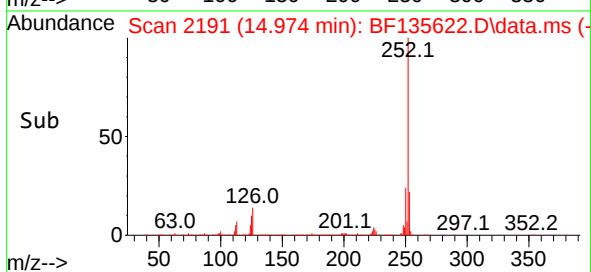
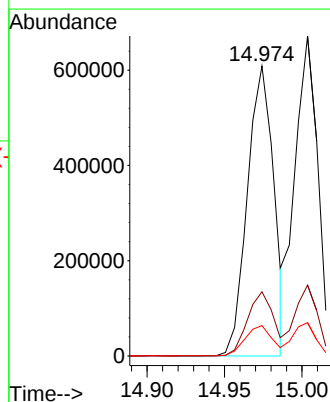
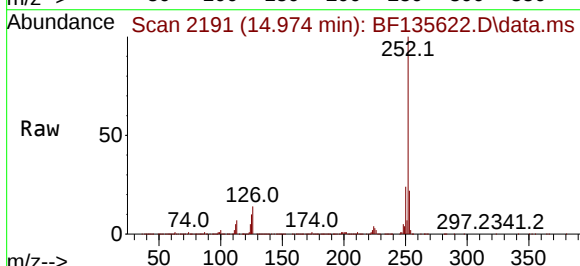
Tgt Ion:252 Resp: 722374

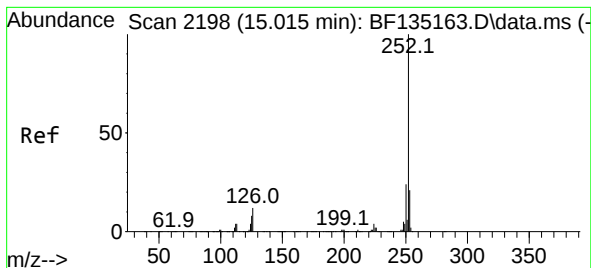
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 10.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.266 ng

RT: 15.004 min Scan# 2198

Delta R.T. 0.012 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

ClientSampleId :

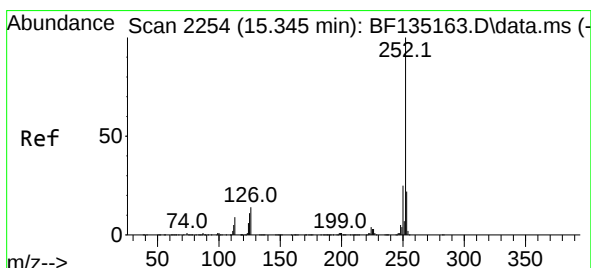
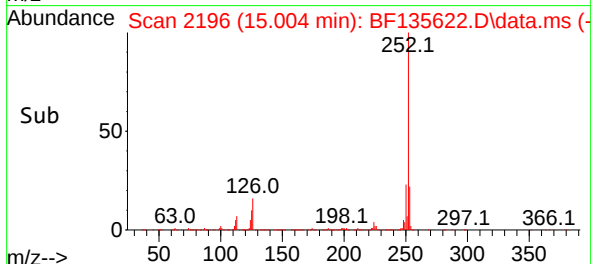
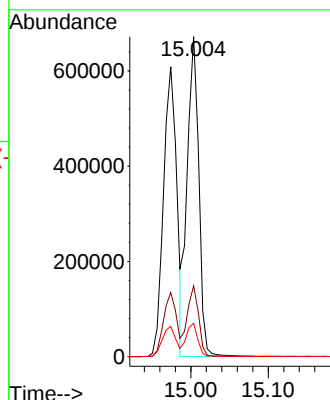
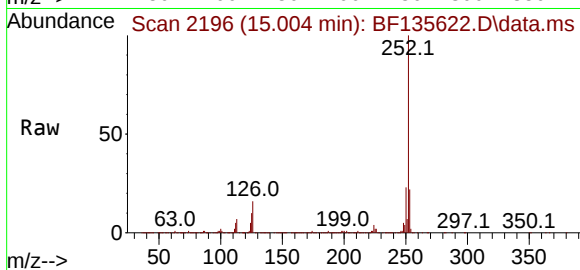
PB156122BS

Tgt Ion:252 Resp: 69931
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.0
 125 10.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023



#90

Benzo(a)pyrene

Concen: 43.109 ng

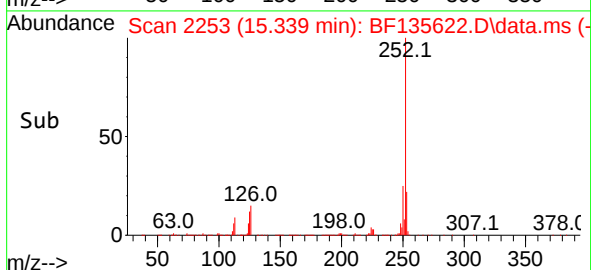
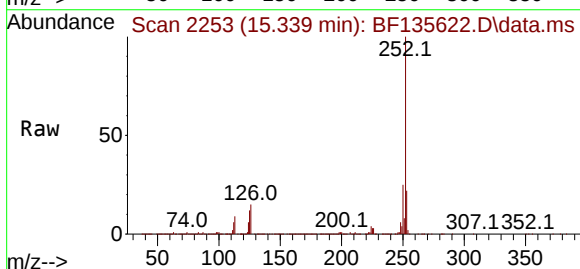
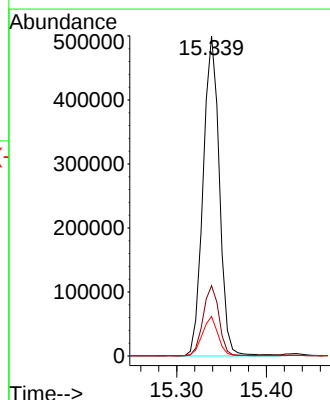
RT: 15.339 min Scan# 2253

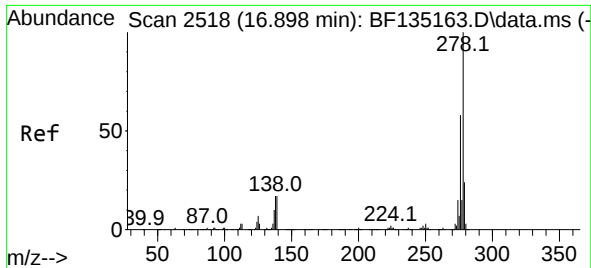
Delta R.T. 0.012 min

Lab File: BF135622.D

Acq: 06 Oct 2023 11:22

Tgt Ion:252 Resp: 629033
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 12.4 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 45.763 ng
RT: 16.903 min Scan# 2518
Delta R.T. 0.023 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Instrument :

BNA_F

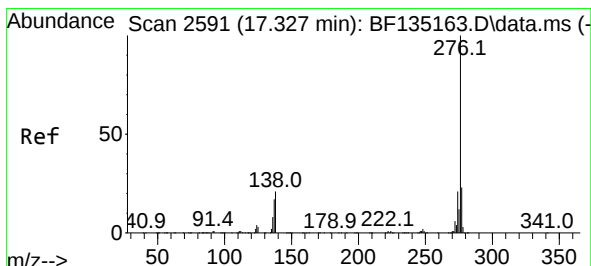
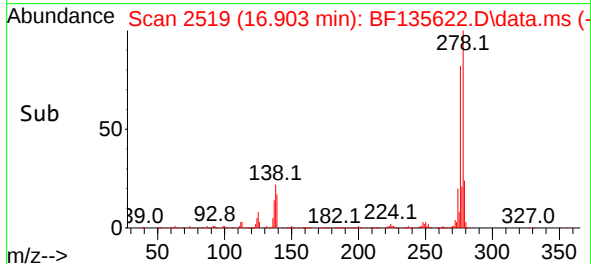
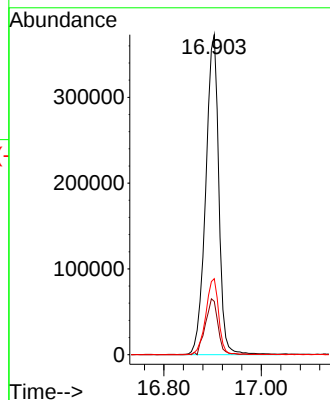
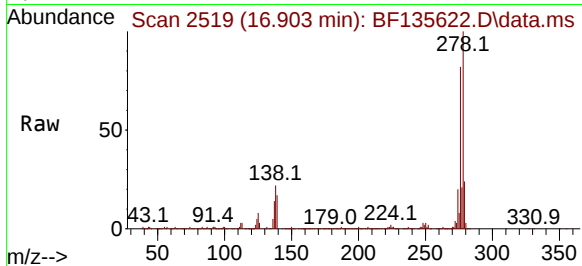
ClientSampleId :

PB156122BS

Tgt Ion:278 Resp: 693952
Ion Ratio Lower Upper
278 100
139 16.7 13.4 20.0
279 23.7 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#92
Benzo(g,h,i)perylene
Concen: 46.065 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.029 min
Lab File: BF135622.D
Acq: 06 Oct 2023 11:22

Tgt Ion:276 Resp: 729510
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 22.3 16.9 25.3

