

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
 Data File : BF135727.D
 Acq On : 12 Oct 2023 11:14
 Operator : CG\JU
 Sample : PB156073BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156073BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 13 00:53:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	98142	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	381959	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	194582	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	423232	20.000	ng	0.00
76) Chrysene-d12	13.945	240	238246	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	202092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	851831	141.169	ng	0.02
7) Phenol-d6	6.398	99	994508	129.616	ng	0.00
23) Nitrobenzene-d5	7.310	82	633291	90.079	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	287087	148.467	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1155684	89.608	ng	0.00
79) Terphenyl-d14	12.874	244	1359739	88.474	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	103192	39.010	ng	99
3) Pyridine	3.304	79	257038	36.104	ng	97
4) n-Nitrosodimethylamine	3.246	42	187690	49.681	ng	93
6) Aniline	6.410	93	297140	29.532	ng	# 8
8) 2-Chlorophenol	6.534	128	307460	47.731	ng	97
9) Benzaldehyde	6.304	77	59925	13.710	ng	98
10) Phenol	6.410	94	363935	43.256	ng	# 75
11) bis(2-Chloroethyl)ether	6.487	93	287158	45.501	ng	99
12) 1,3-Dichlorobenzene	6.681	146	301724	46.090	ng	98
13) 1,4-Dichlorobenzene	6.757	146	311443	46.761	ng	99
14) 1,2-Dichlorobenzene	6.910	146	290586	46.981	ng	97
15) Benzyl Alcohol	6.898	79	246439	44.759	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	515259	43.315	ng	46
17) 2-Methylphenol	7.010	107	245721	43.228	ng	# 90
18) Hexachloroethane	7.239	117	114025	46.334	ng	93
19) n-Nitroso-di-n-propyla...	7.157	70	208589	43.890	ng	92
20) 3+4-Methylphenols	7.169	107	312502	45.719	ng	# 67
22) Acetophenone	7.157	105	410958	47.060	ng	92
24) Nitrobenzene	7.328	77	319154	45.929	ng	99
25) Isophorone	7.569	82	580049	44.931	ng	100
26) 2-Nitrophenol	7.645	139	165018	49.479	ng	97
27) 2,4-Dimethylphenol	7.686	122	240611	42.921	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	363630	47.060	ng	98
29) 2,4-Dichlorophenol	7.892	162	253011	48.708	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	261430	48.151	ng	99
31) Naphthalene	8.039	128	869420	46.848	ng	100
32) Benzoic acid	7.851	122	173515	41.105	ng	97
33) 4-Chloroaniline	8.104	127	227510	27.942	ng	98
34) Hexachlorobutadiene	8.151	225	155057	47.363	ng	98
35) Caprolactam	8.486	113	88069m	50.517	ng	
36) 4-Chloro-3-methylphenol	8.604	107	280180	48.531	ng	97
37) 2-Methylnaphthalene	8.733	142	548311	43.954	ng	99
38) 1-Methylnaphthalene	8.833	142	529918	45.372	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	267068	47.376	ng	99
41) Hexachlorocyclopentadiene	8.881	237	109904	47.546	ng	99
43) 2,4,6-Trichlorophenol	9.028	196	171842	46.558	ng	98

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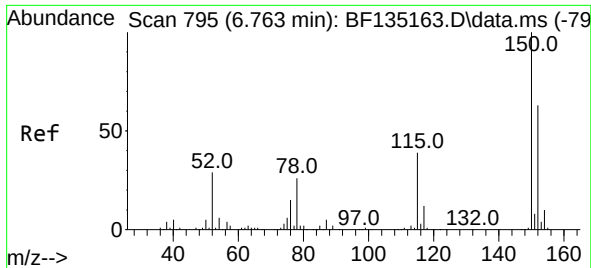
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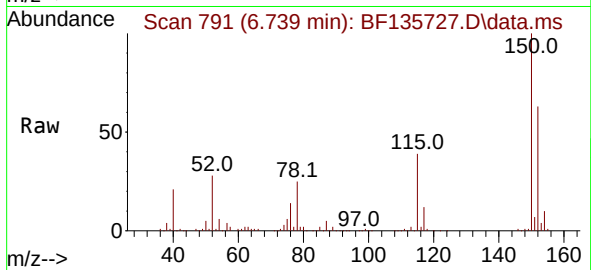
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	183787	43.239	ng	96
46) 1,1'-Biphenyl	9.204	154	705137	47.156	ng	99
47) 2-Chloronaphthalene	9.228	162	520025	47.931	ng	98
48) 2-Nitroaniline	9.339	65	202588	48.064	ng	99
49) Acenaphthylene	9.645	152	863558	47.893	ng	100
50) Dimethylphthalate	9.510	163	628987	47.811	ng	100
51) 2,6-Dinitrotoluene	9.580	165	140486	48.746	ng	96
52) Acenaphthene	9.816	154	503963	47.313	ng	98
53) 3-Nitroaniline	9.757	138	124189	36.710	ng	90
54) 2,4-Dinitrophenol	9.880	184	140479	85.405	ng	97
55) Dibenzofuran	9.986	168	767780	47.235	ng	96
56) 4-Nitrophenol	9.945	139	162479	75.570	ng	98
57) 2,4-Dinitrotoluene	9.998	165	184322	51.087	ng	91
58) Fluorene	10.333	166	623140	49.868	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	160994	49.239	ng	98
60) Diethylphthalate	10.210	149	657064	49.766	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	294941	49.136	ng	98
62) 4-Nitroaniline	10.380	138	156997	48.279	ng	98
63) Azobenzene	10.486	77	641168	49.620	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	97203	43.241	ng	86
66) n-Nitrosodiphenylamine	10.451	169	566011	44.174	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	191901	45.589	ng	96
68) Hexachlorobenzene	10.886	284	204892	47.779	ng	92
69) Atrazine	10.986	200	186594	54.122	ng	100
70) Pentachlorophenol	11.092	266	178474	69.561	ng	97
71) Phenanthrene	11.304	178	951587	47.539	ng	100
72) Anthracene	11.357	178	946849	46.019	ng	99
73) Carbazole	11.522	167	912215	48.703	ng	98
74) Di-n-butylphthalate	11.839	149	1087557	49.276	ng	99
75) Fluoranthene	12.498	202	1016412	48.731	ng	99
77) Benzidine	12.627	184	295548	60.552	ng	99
78) Pyrene	12.733	202	1025276	45.201	ng	99
80) Butylbenzylphthalate	13.351	149	428087	53.603	ng	96
81) Benzo(a)anthracene	13.933	228	764621	49.702	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	208493	43.388	ng	99
83) Chrysene	13.968	228	688054	44.984	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	557712	68.053	ng	99
85) Di-n-octyl phthalate	14.527	149	756657	58.098	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	654750	49.413	ng	99
88) Benzo(b)fluoranthene	14.986	252	566797	51.810	ng	100
89) Benzo(k)fluoranthene	15.015	252	537700	49.756	ng	99
90) Benzo(a)pyrene	15.351	252	480805	46.086	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	537382	49.566	ng	98
92) Benzo(g,h,i)perylene	17.368	276	554882	49.006	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

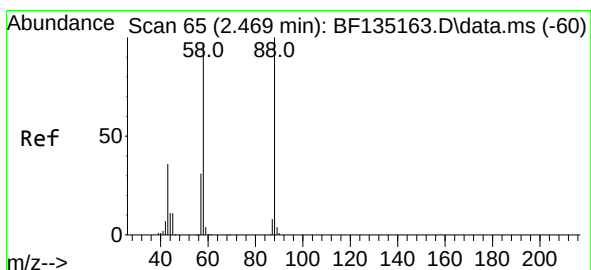
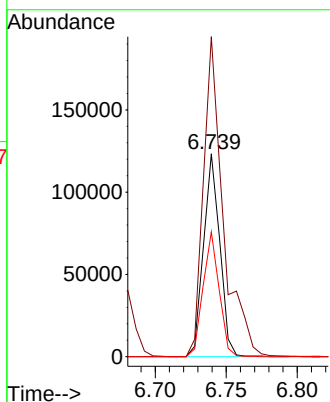
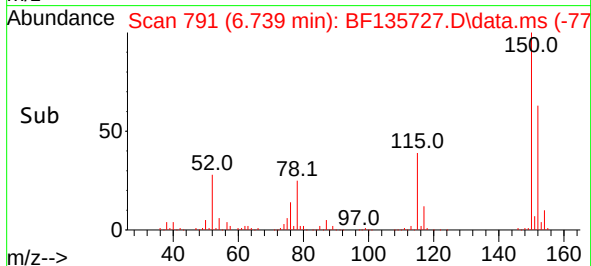
Instrument :
BNA_F
ClientSampleId :
PB156073BS



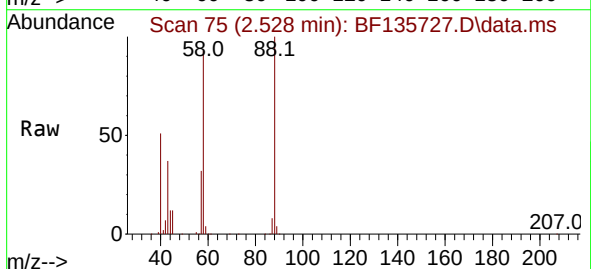
Tgt Ion:152 Resp: 9814
Ion Ratio Lower Upper
152 100
150 157.7 127.8 191.6
115 61.5 49.8 74.8

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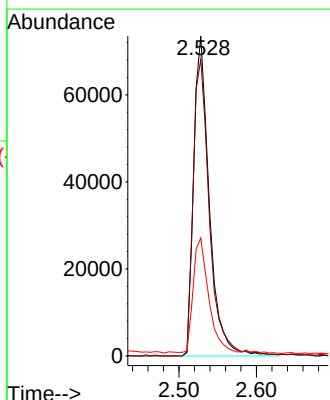
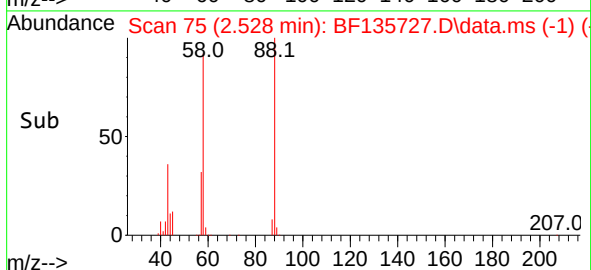
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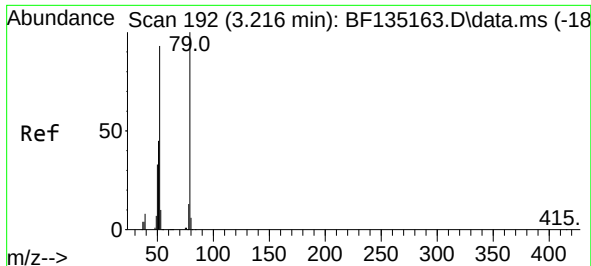


#2
1,4-Dioxane
Concen: 39.010 ng
RT: 2.528 min Scan# 75
Delta R.T. 0.100 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14



Tgt Ion: 88 Resp: 103192
Ion Ratio Lower Upper
88 100
58 96.5 78.3 117.5
43 36.0 29.4 44.0





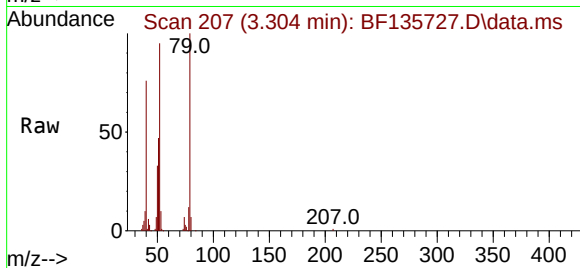
#3
Pyridine
Concen: 36.104 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.129 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

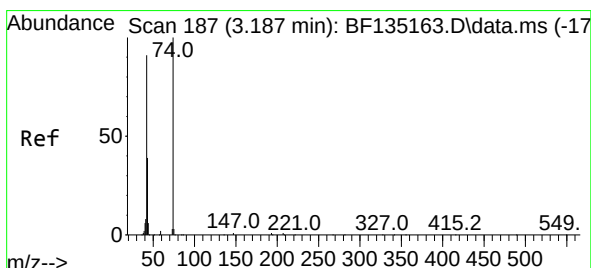
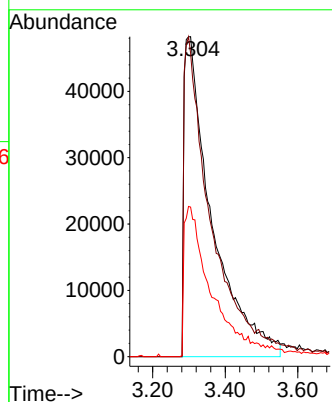
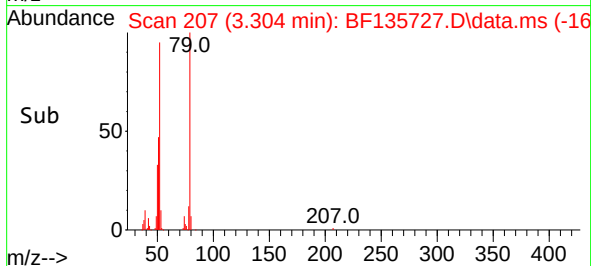
PB156073BS



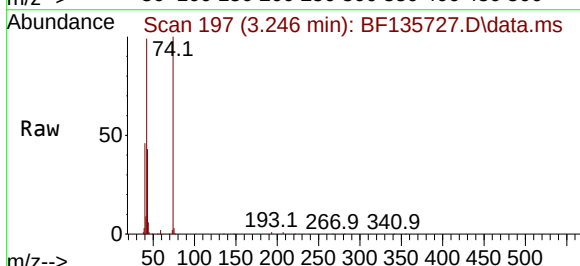
Tgt Ion: 79 Resp: 257038
Ion Ratio Lower Upper
79 100
52 94.9 74.1 111.1
51 46.7 35.8 53.8

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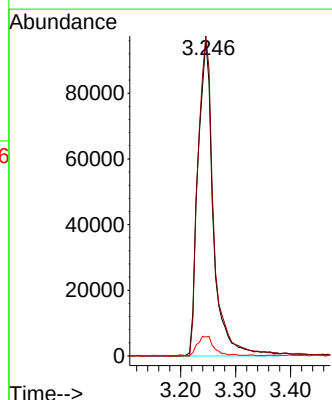
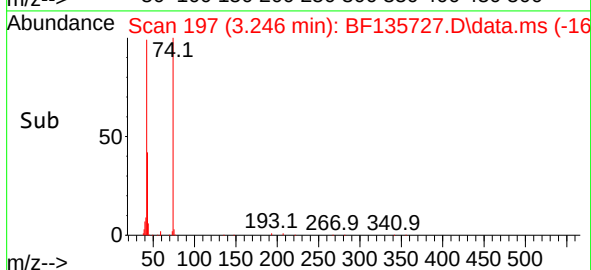
Reviewed By :Yogesh Patel 10/13/2023
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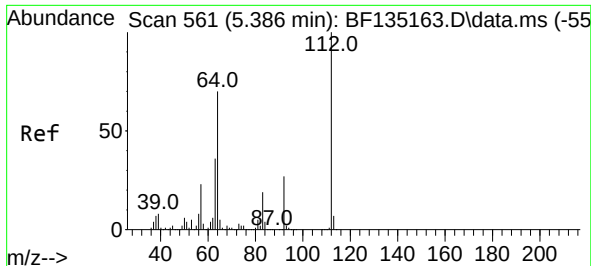


#4
n-Nitrosodimethylamine
Concen: 49.681 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.094 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14



Tgt Ion: 42 Resp: 187690
Ion Ratio Lower Upper
42 100
74 101.4 87.7 131.5
44 6.0 5.6 8.4





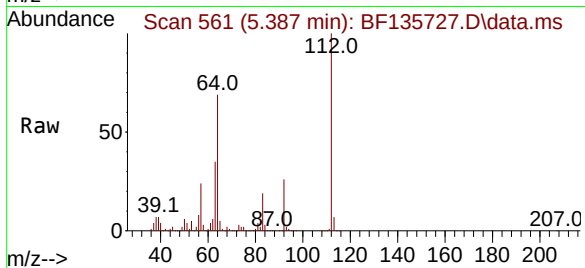
#5
2-Fluorophenol
Concen: 141.169 ng
RT: 5.387 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

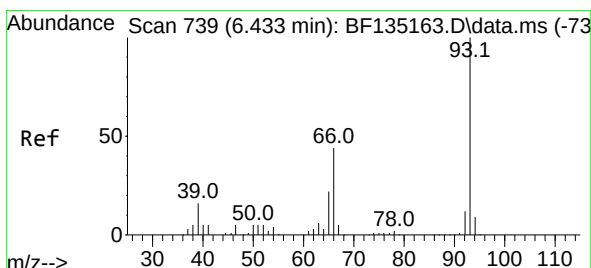
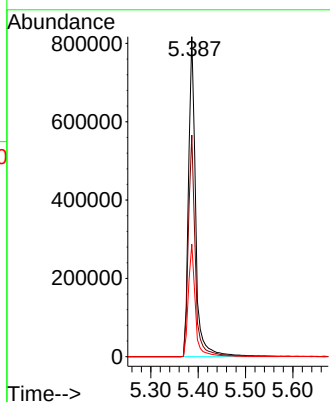
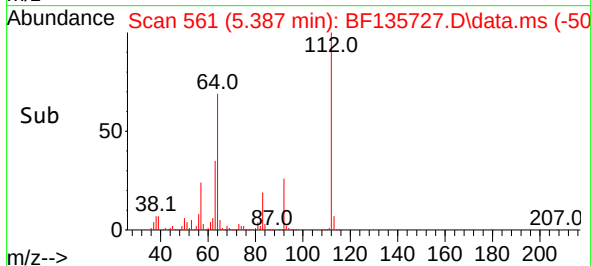
PB156073BS



Tgt Ion:112 Resp: 85183
Ion Ratio Lower Upper
112 100
64 69.2 55.9 83.9
63 35.1 29.0 43.6

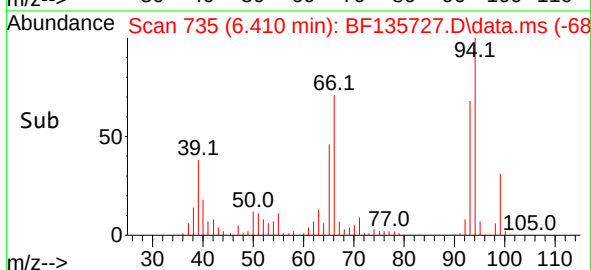
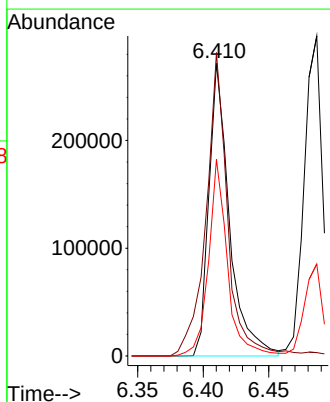
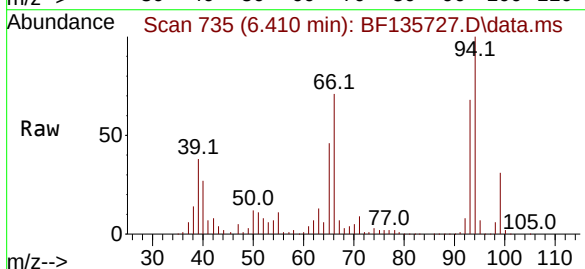
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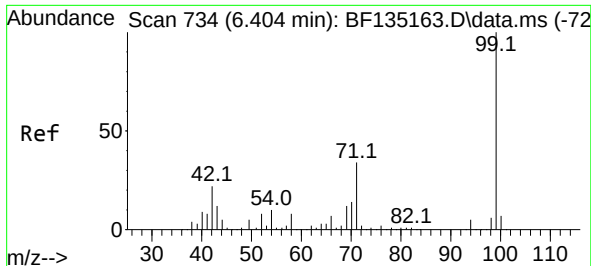
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#6
Aniline
Concen: 29.532 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

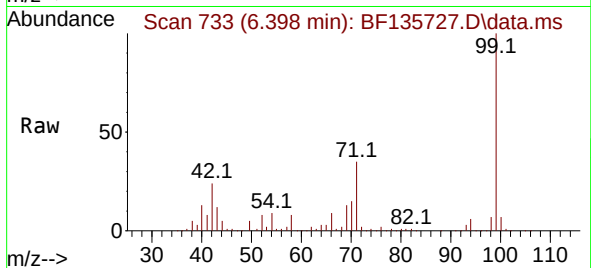
Tgt Ion: 93 Resp: 297140
Ion Ratio Lower Upper
93 100
66 103.6 35.4 53.0#
65 67.2 17.8 26.8#





#7
Phenol-d6
Concen: 129.616 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

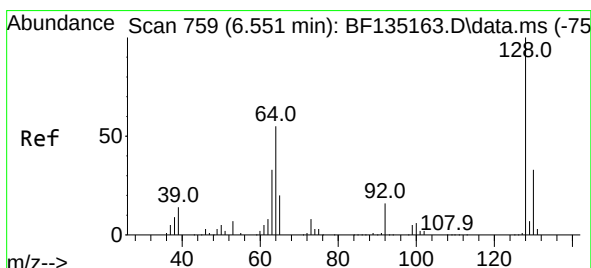
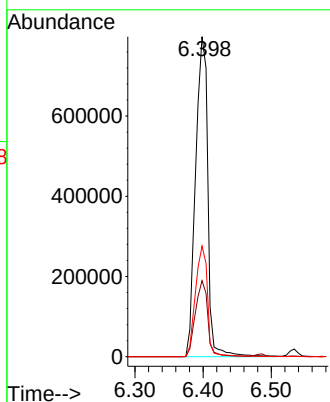
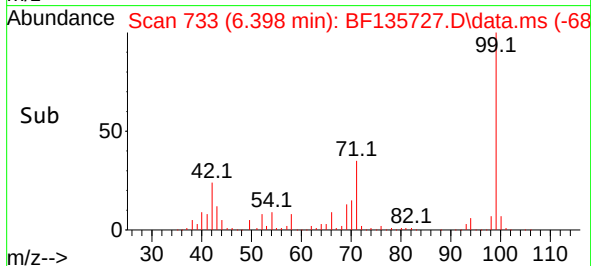
Instrument :
BNA_F
ClientSampleId :
PB156073BS



Tgt Ion: 99 Resp: 994508
Ion Ratio Lower Upper
99 100
42 23.8 17.9 26.9
71 34.5 27.0 40.6

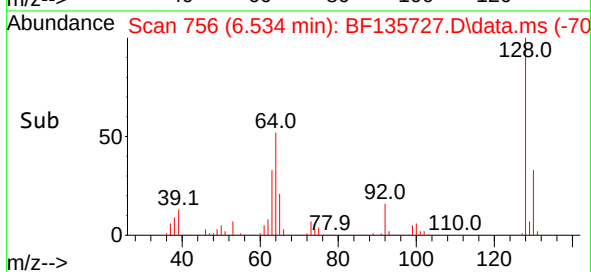
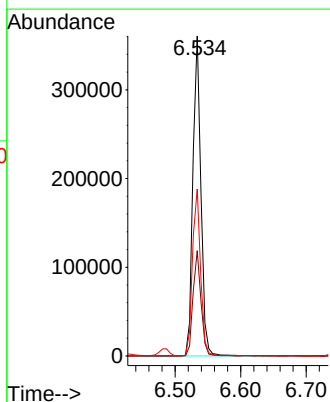
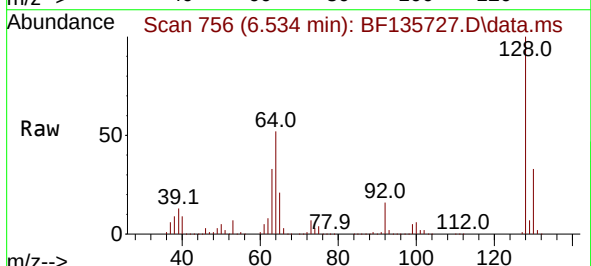
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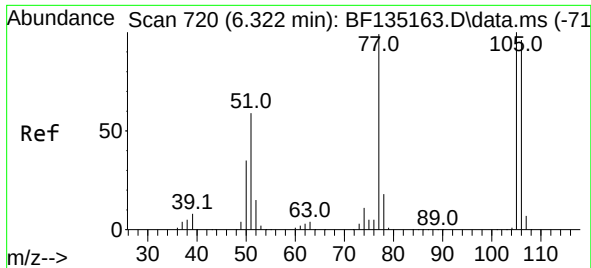
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#8
2-Chlorophenol
Concen: 47.731 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

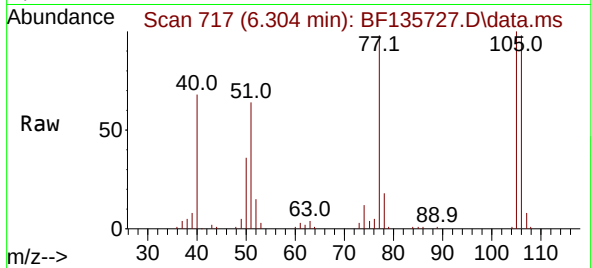
Tgt Ion:128 Resp: 307460
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 52.1 35.9 75.9





#9
Benzaldehyde
Concen: 13.710 ng
RT: 6.304 min Scan# 717
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

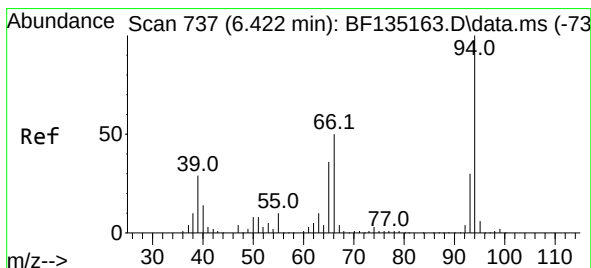
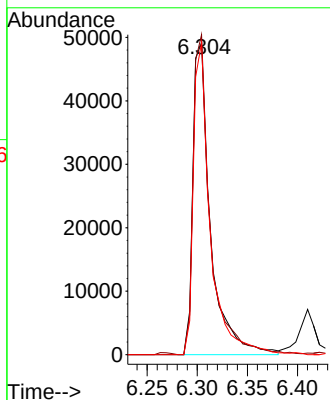
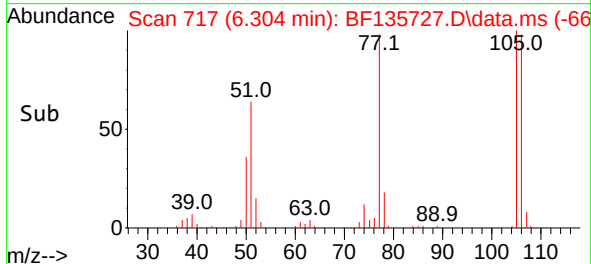
Instrument :
BNA_F
ClientSampleId :
PB156073BS



Tgt Ion: 77 Resp: 59925
Ion Ratio Lower Upper
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105 102.5 81.4 121.4
106 100.0 76.9 116.9

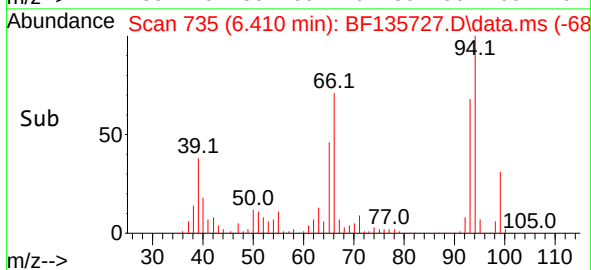
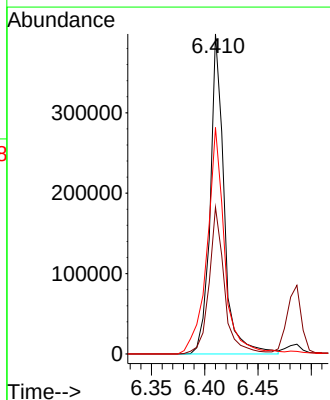
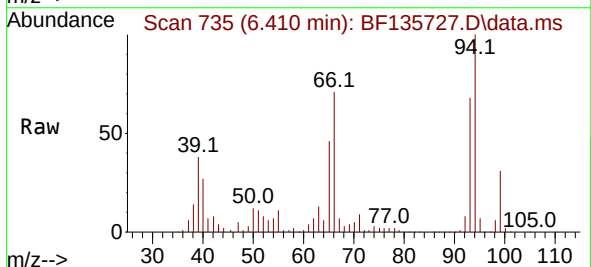
Manual Integrations
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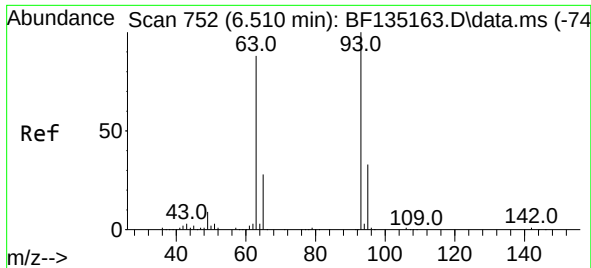
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#10
Phenol
Concen: 43.256 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion: 94 Resp: 363935
Ion Ratio Lower Upper
94 100
65 45.9 15.9 55.9
66 70.7 29.8 69.8#





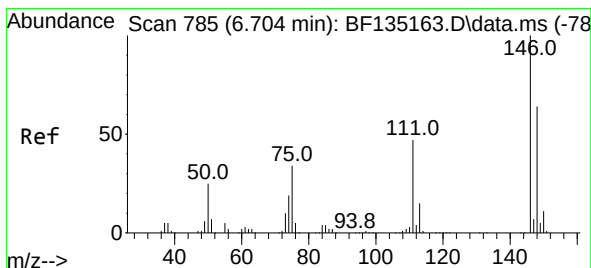
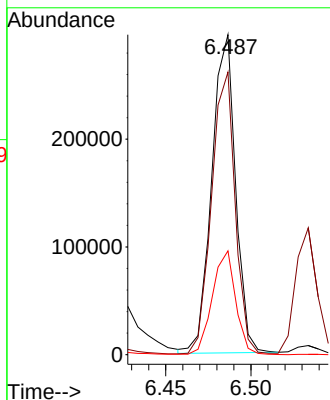
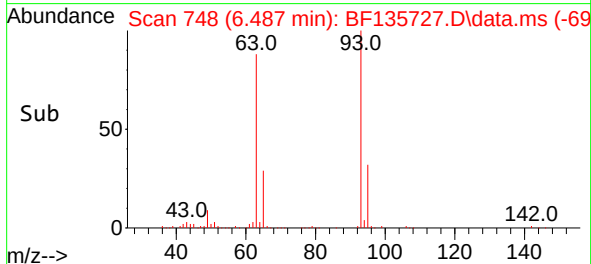
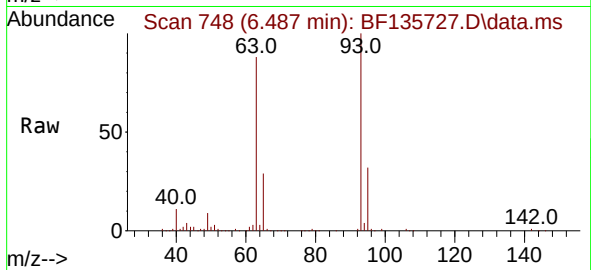
#11
bis(2-Chloroethyl)ether
Concen: 45.501 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB156073BS

Tgt Ion: 93 Resp: 287158
Ion Ratio Lower Upper
93 100
63 88.3 67.3 107.3
95 32.4 12.7 52.7

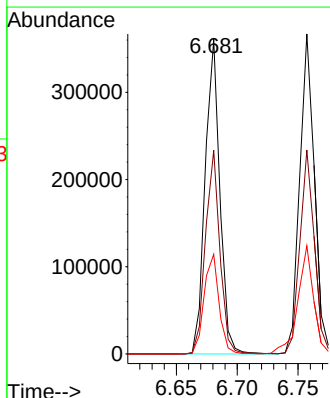
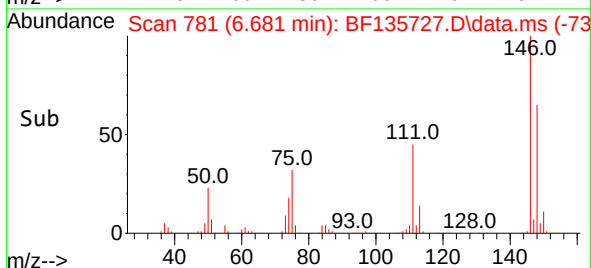
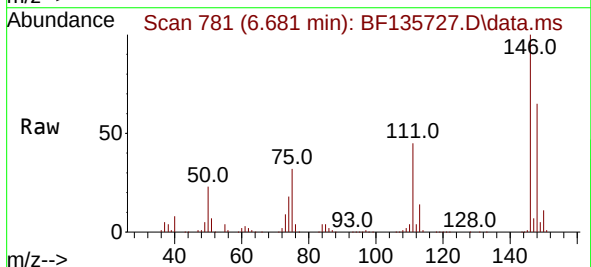
Manual Integrations
APPROVED

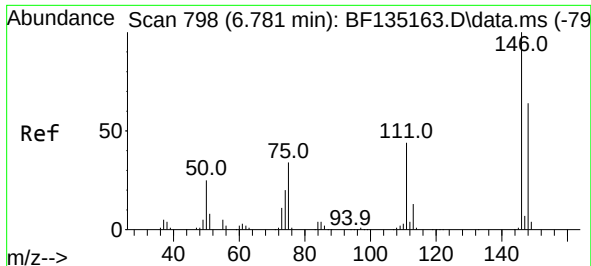
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#12
1,3-Dichlorobenzene
Concen: 46.090 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion:146 Resp: 301724
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
75 31.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 46.761 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS

Tgt Ion:146 Resp: 31144

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

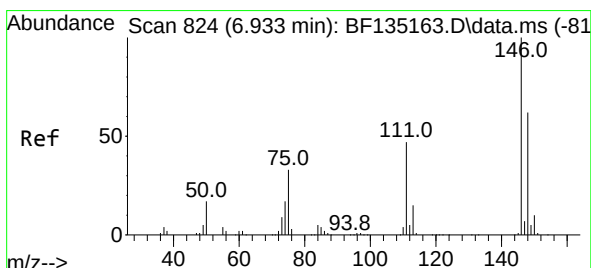
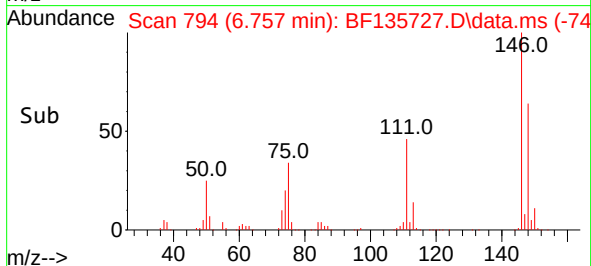
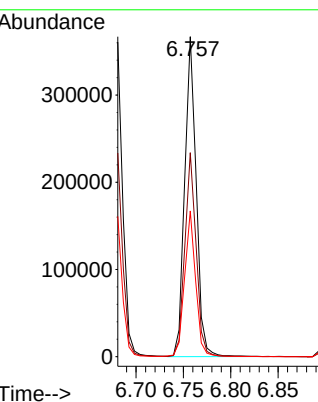
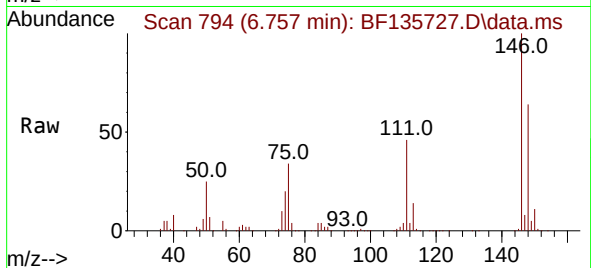
111 45.6 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023

Supervised By :mohammad ahmed 10/13/2023



#14

1,2-Dichlorobenzene

Concen: 46.981 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

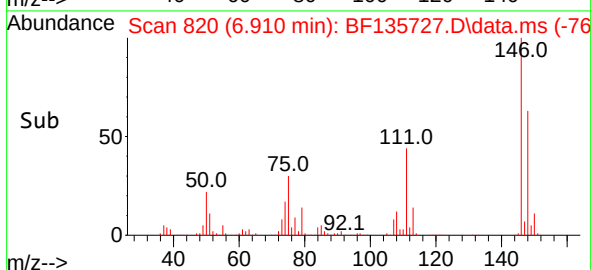
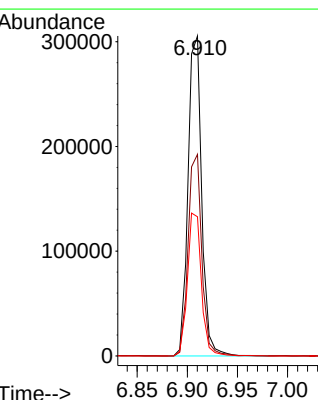
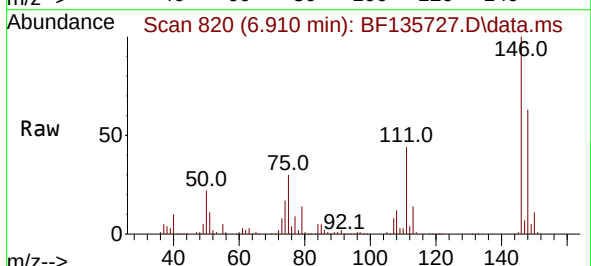
Tgt Ion:146 Resp: 290586

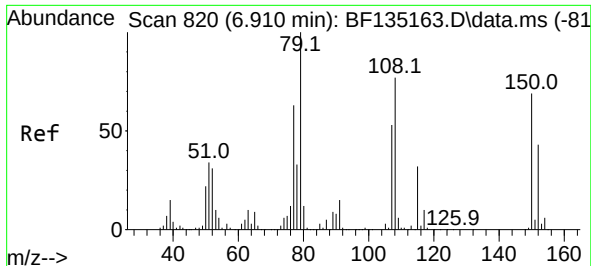
Ion Ratio Lower Upper

146 100

148 63.0 49.7 74.5

111 43.5 37.4 56.2





#15
Benzyl Alcohol
Concen: 44.759 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

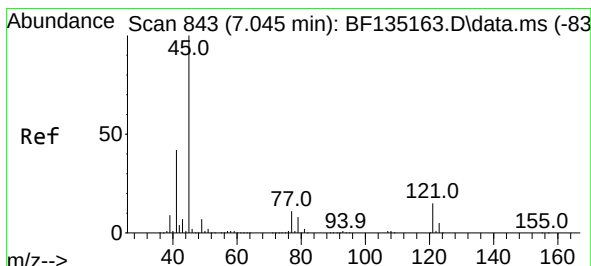
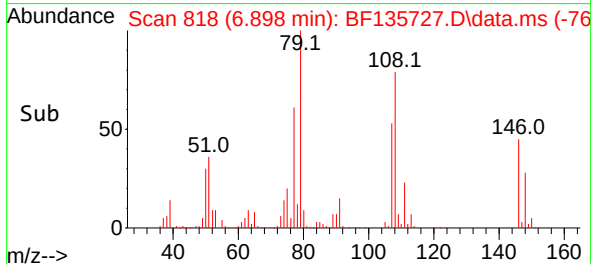
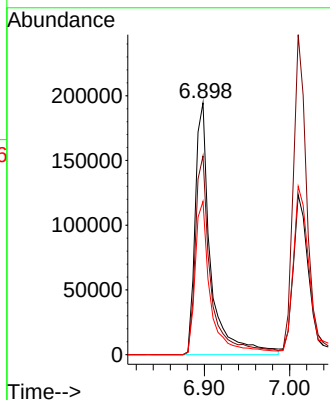
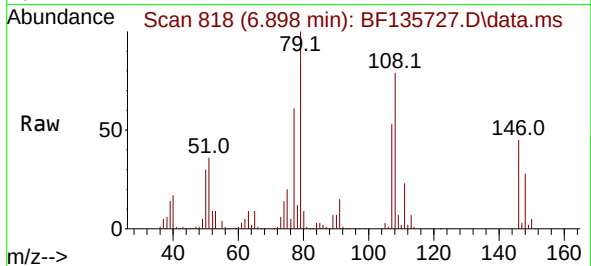
ClientSampleId :

PB156073BS

Tgt Ion: 79 Resp: 246439
Ion Ratio Lower Upper
79 100
108 78.9 61.2 91.8
77 60.9 50.5 75.7

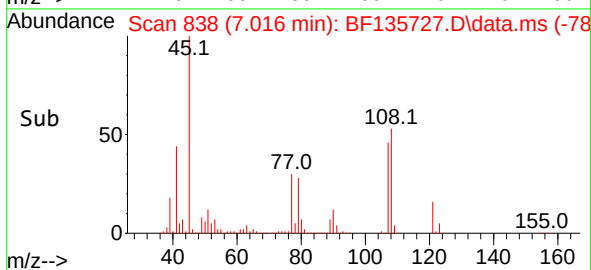
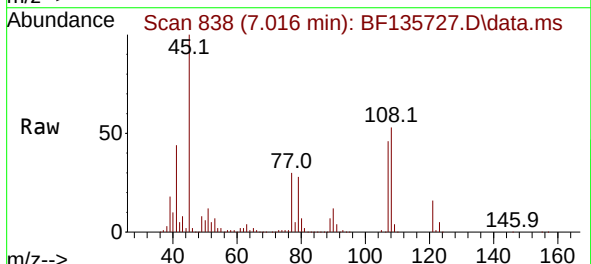
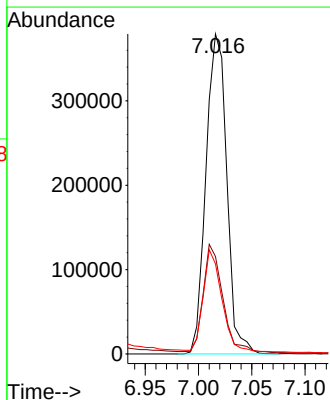
Manual Integrations
APPROVED

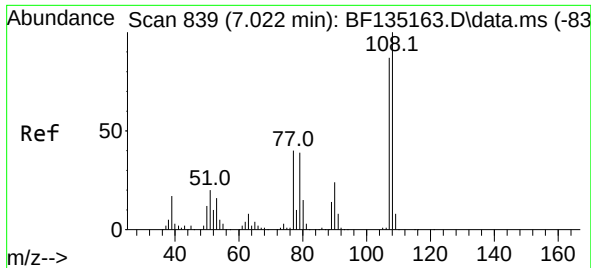
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.315 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion: 45 Resp: 515259
Ion Ratio Lower Upper
45 100
77 30.4 0.0 30.6
79 28.2 0.0 28.3





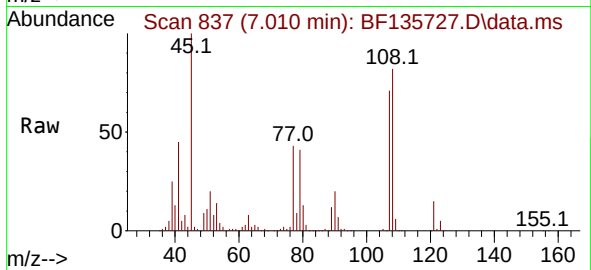
#17
2-Methylphenol
Concen: 43.228 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS

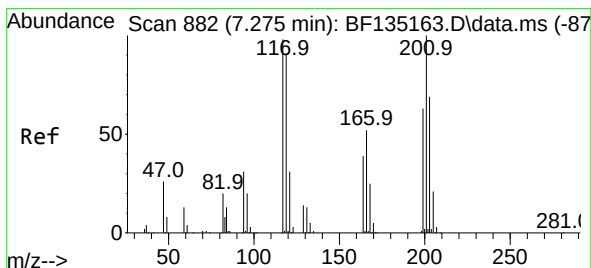
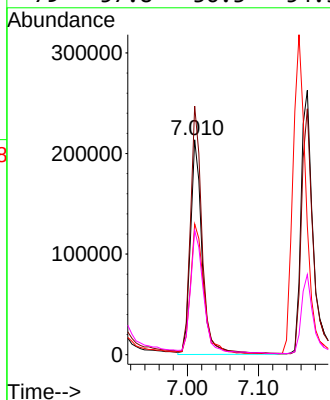
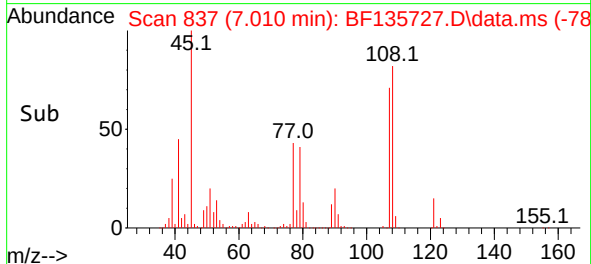


Tgt Ion:107 Resp: 24572
Ion Ratio Lower Upper
107 100
108 115.7 92.0 138.0
77 60.8 36.7 55.1
79 57.8 36.3 54.5#

Manual Integrations

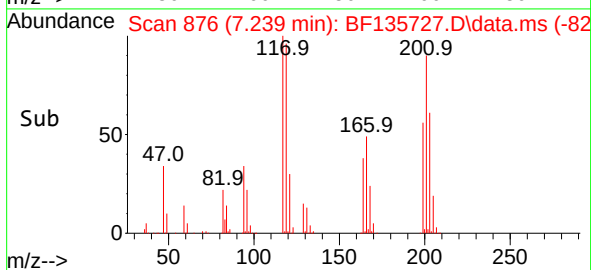
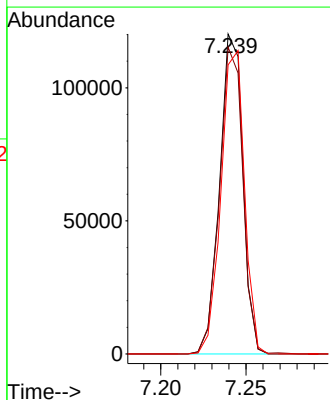
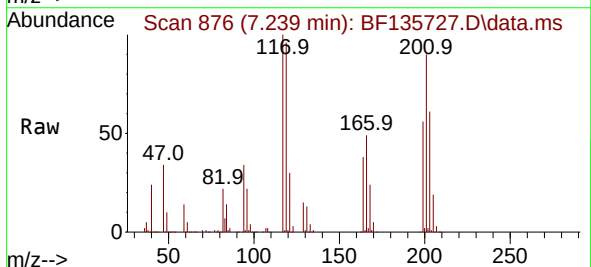
APPROVED

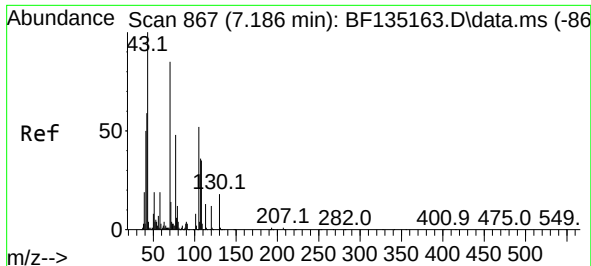
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#18
Hexachloroethane
Concen: 46.334 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion:117 Resp: 114025
Ion Ratio Lower Upper
117 100
119 95.8 74.7 112.1
201 90.3 81.8 122.8





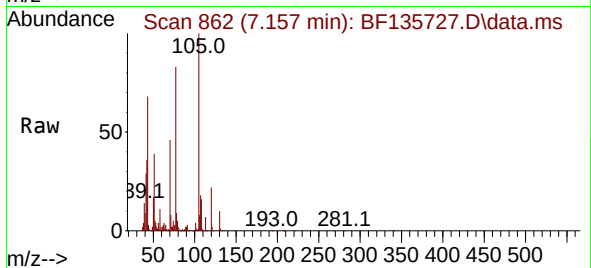
#19
n-Nitroso-di-n-propylamine
Concen: 43.890 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS

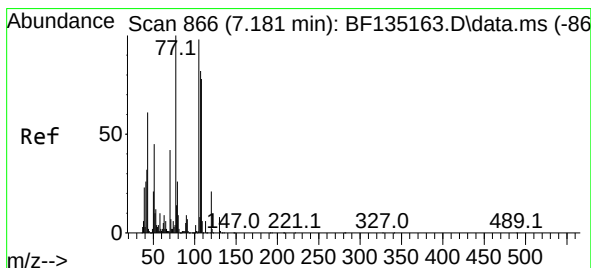
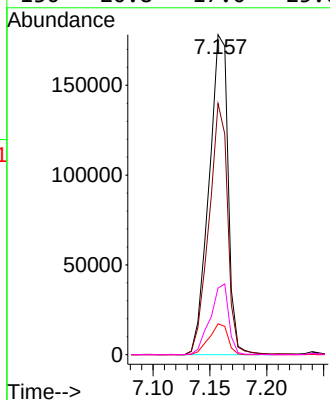
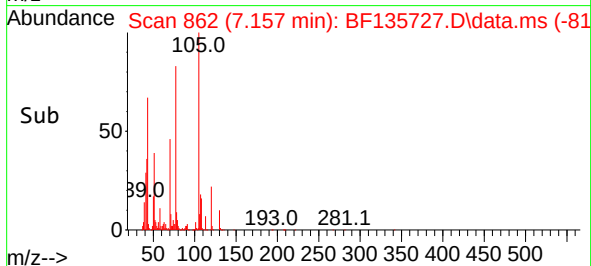


Tgt Ion: 70 Resp: 208589
Ion Ratio Lower Upper
70 100
42 78.5 55.4 83.0
101 9.6 7.7 11.5
130 20.8 17.0 25.6

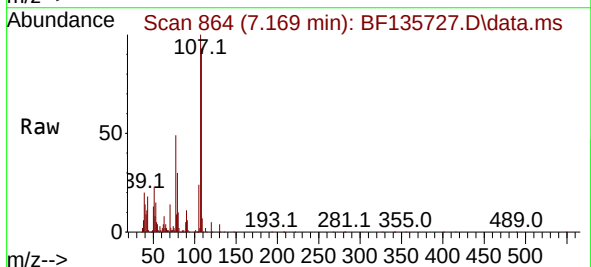
Manual Integrations

APPROVED

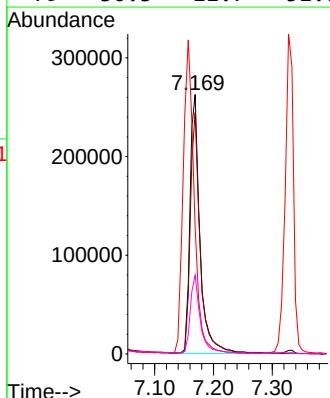
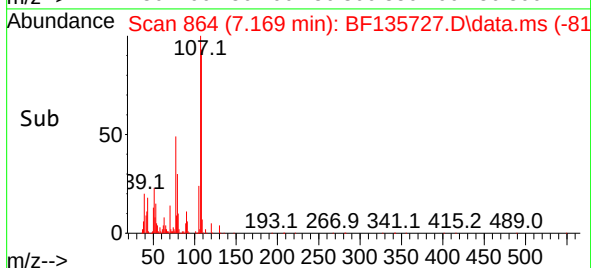
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

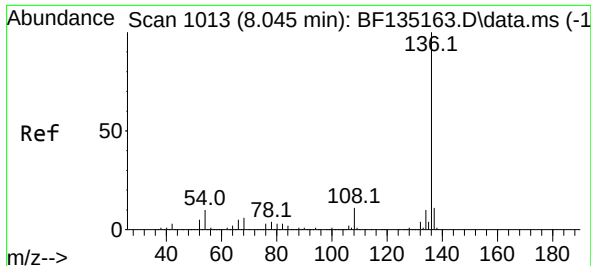


#20
3+4-Methylphenols
Concen: 45.719 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14



Tgt Ion:107 Resp: 312502
Ion Ratio Lower Upper
107 100
108 93.0 74.7 114.7
77 48.7 102.0 142.0#
79 30.3 11.7 51.7





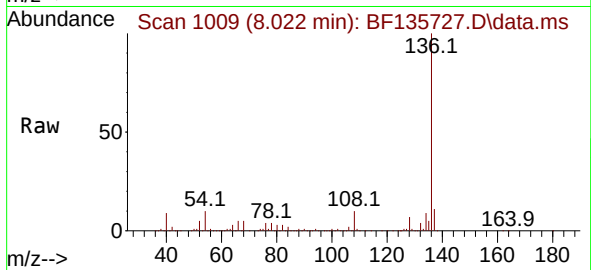
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS

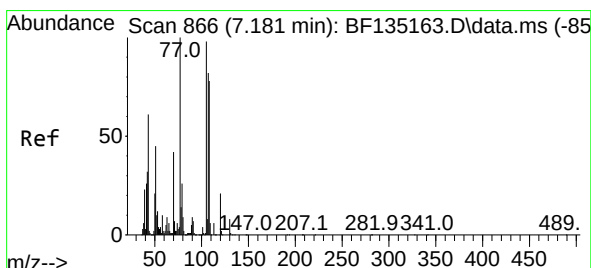
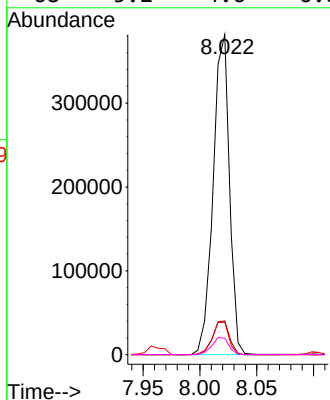
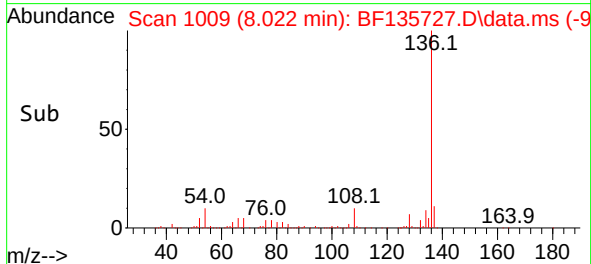


Tgt Ion:136 Resp: 381958
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 10.1 7.7 11.5
68 5.2 4.6 6.8

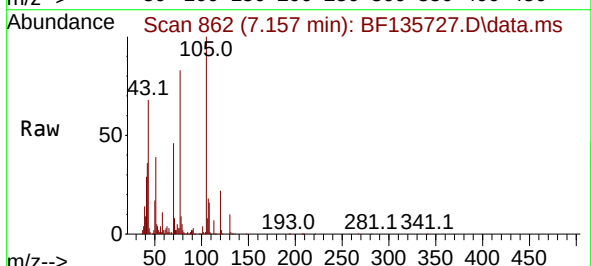
Manual Integrations

APPROVED

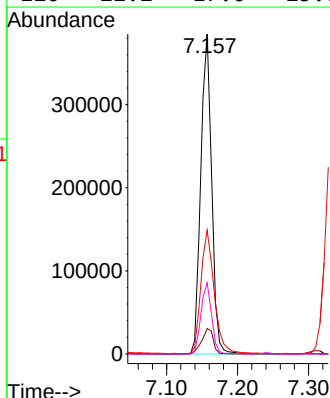
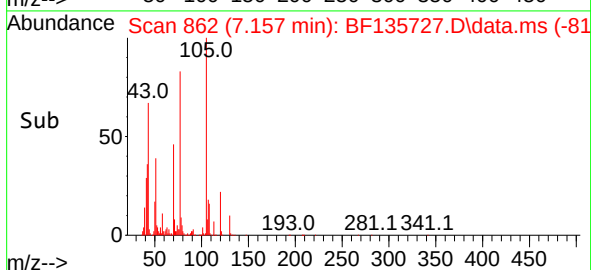
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

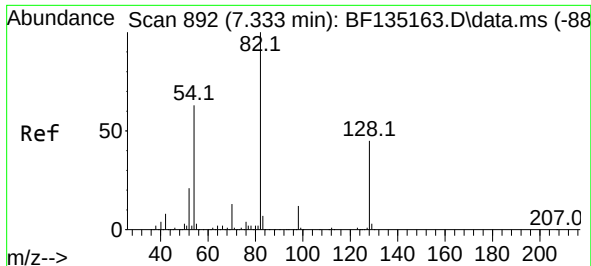


#22
Acetophenone
Concen: 47.060 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14



Tgt Ion:105 Resp: 410958
Ion Ratio Lower Upper
105 100
71 8.0 5.8 8.6
51 38.7 37.0 55.4
120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 90.079 ng

RT: 7.310 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS

Tgt Ion: 82 Resp: 63329

Ion Ratio Lower Upper

82 100

128 43.1 35.8 53.6

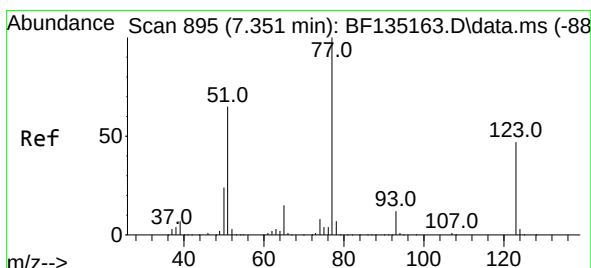
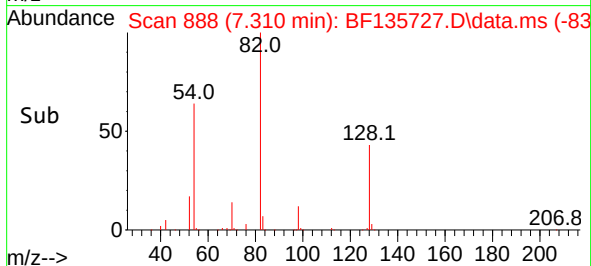
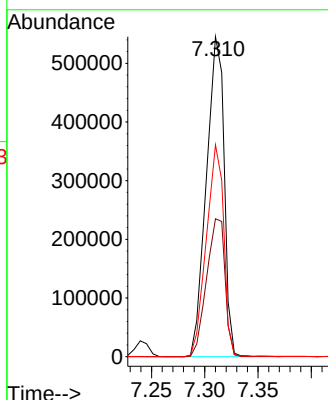
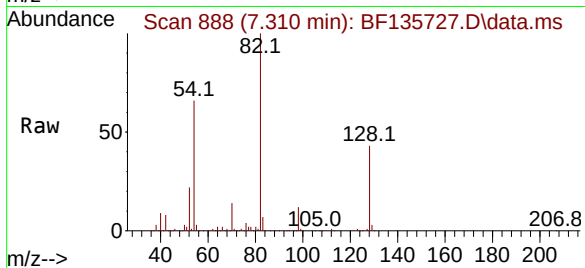
54 66.2 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023

Supervised By :mohammad ahmed 10/13/2023



#24

Nitrobenzene

Concen: 45.929 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

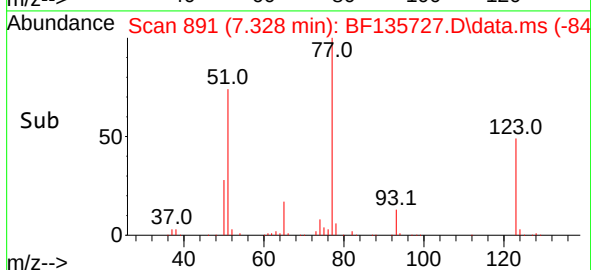
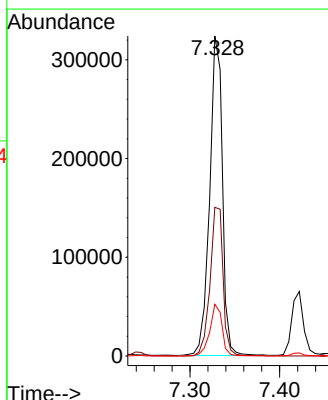
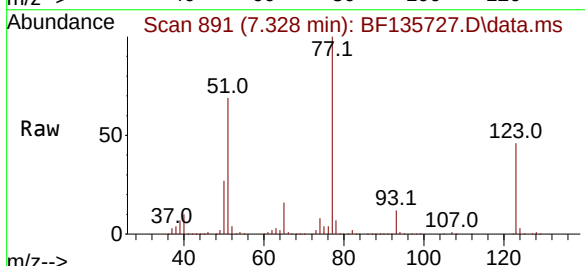
Tgt Ion: 77 Resp: 319154

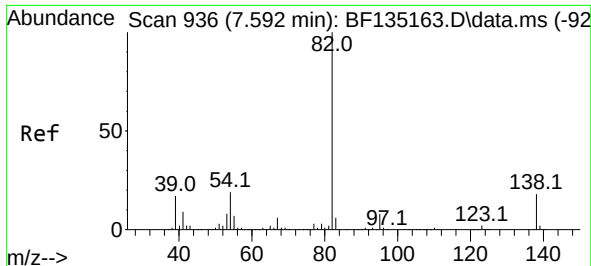
Ion Ratio Lower Upper

77 100

123 46.5 37.6 56.4

65 16.1 12.2 18.4





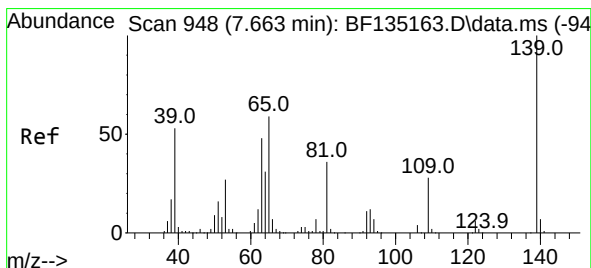
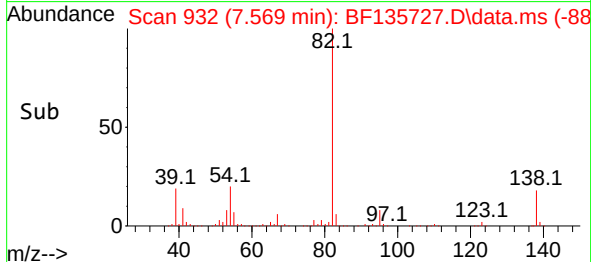
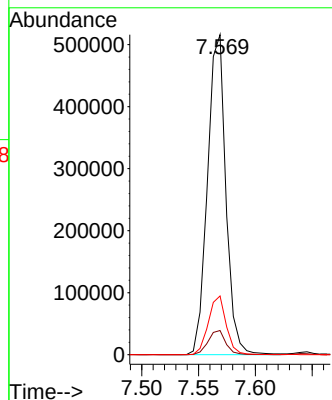
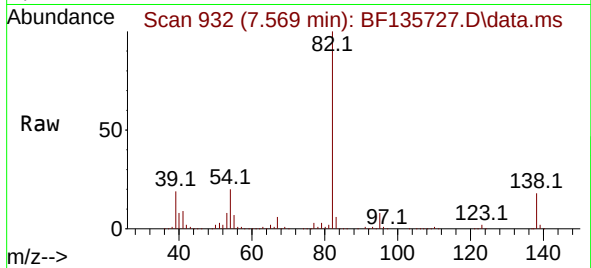
#25
Isophorone
Concen: 44.931 ng
RT: 7.569 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB156073BS

Tgt Ion: 82 Resp: 580049
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 18.4 14.5 21.7

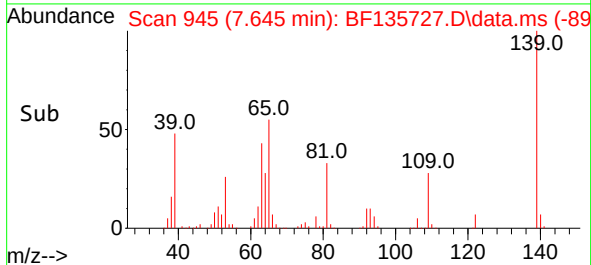
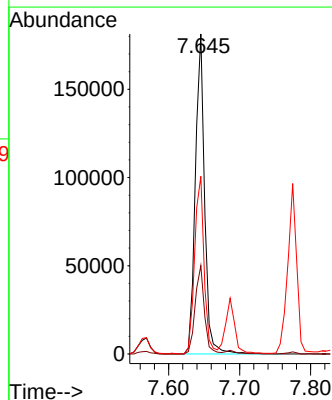
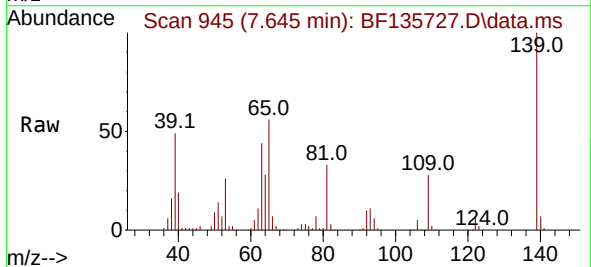
Manual Integrations
APPROVED

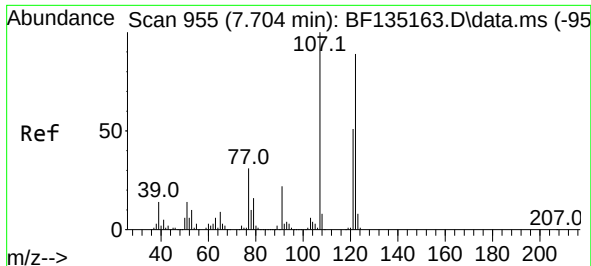
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#26
2-Nitrophenol
Concen: 49.479 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion:139 Resp: 165018
Ion Ratio Lower Upper
139 100
109 27.6 22.6 33.8
65 55.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.921 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135727.D

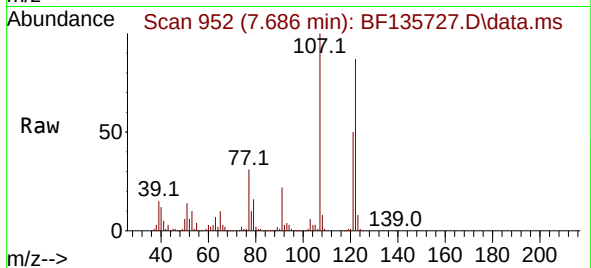
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS



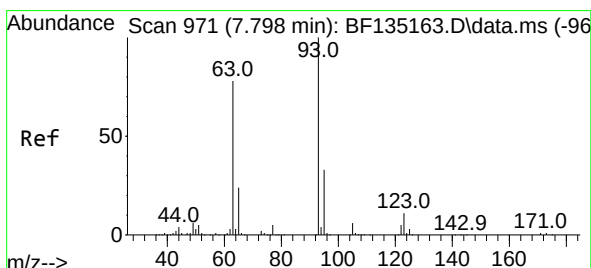
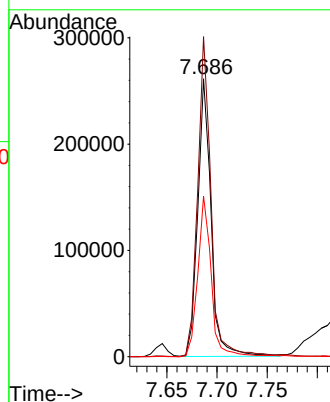
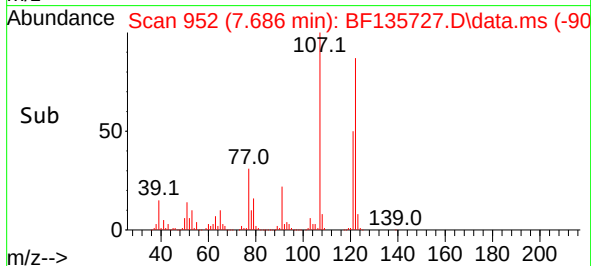
Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.1	90.2	135.4
121	57.7	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023

Supervised By :mohammad ahmed 10/13/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.060 ng

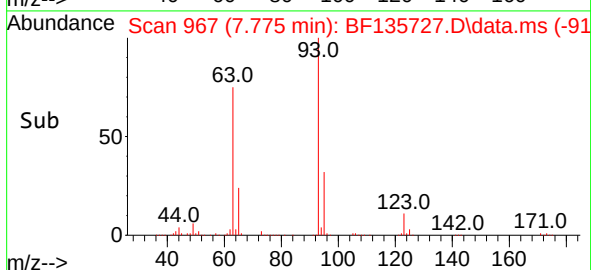
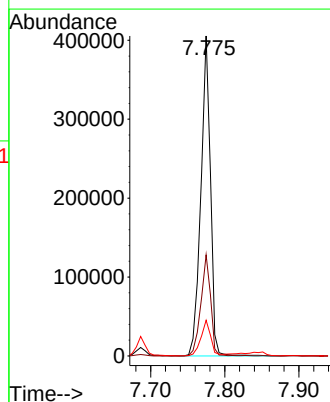
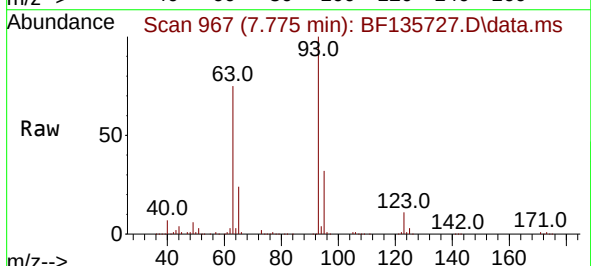
RT: 7.775 min Scan# 967

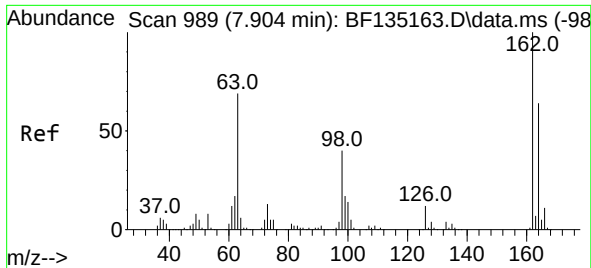
Delta R.T. 0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.2	39.2
123	11.2	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 48.708 ng

RT: 7.892 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

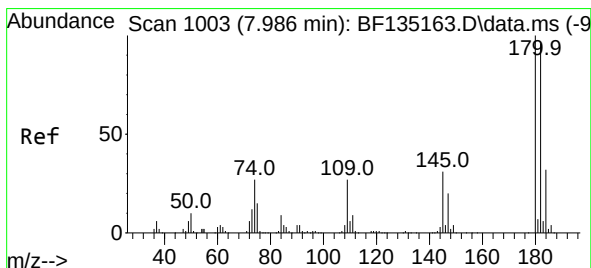
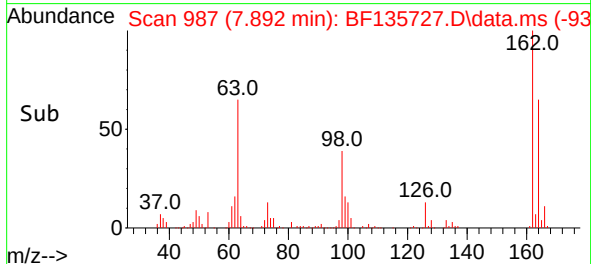
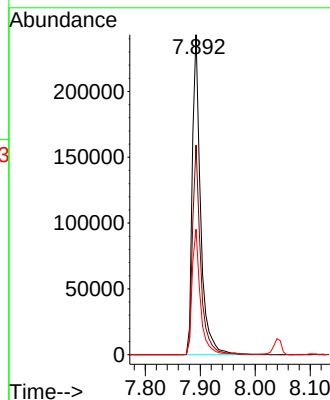
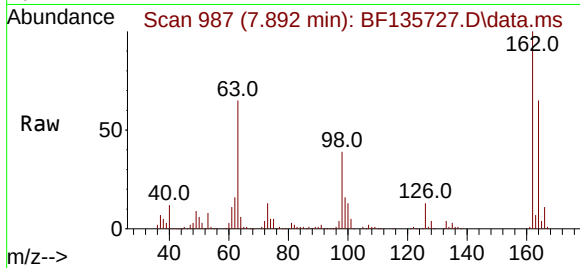
PB156073BS

Tgt Ion:162 Resp: 25301
 Ion Ratio Lower Upper
 162 100
 164 65.5 44.1 84.1
 98 39.2 20.3 60.3

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 48.151 ng

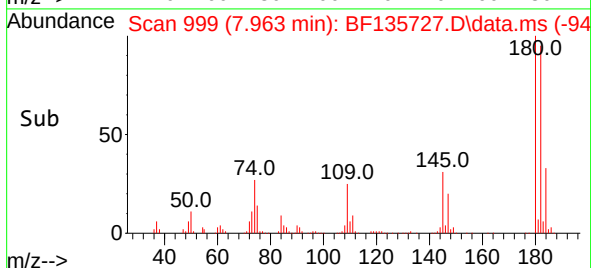
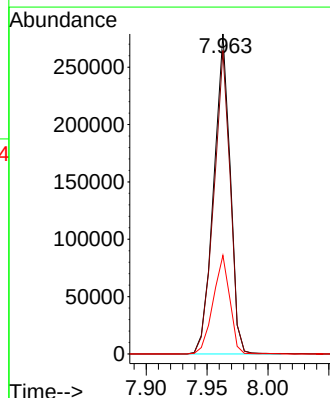
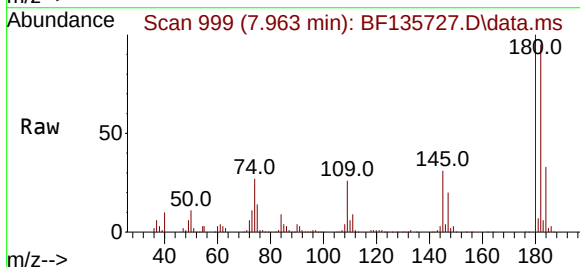
RT: 7.963 min Scan# 999

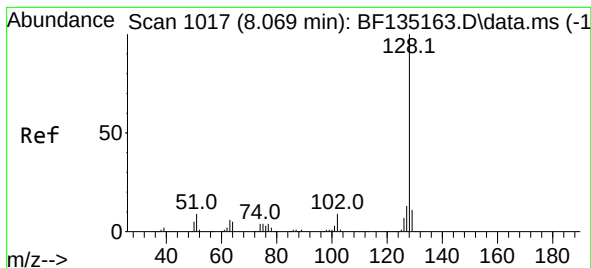
Delta R.T. -0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Tgt Ion:180 Resp: 261430
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.9 115.3
 145 30.8 24.5 36.7





#31

Naphthalene

Concen: 46.848 ng

RT: 8.039 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS

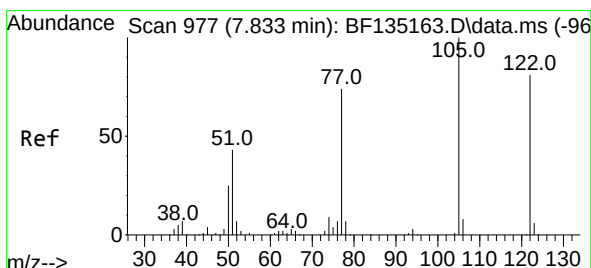
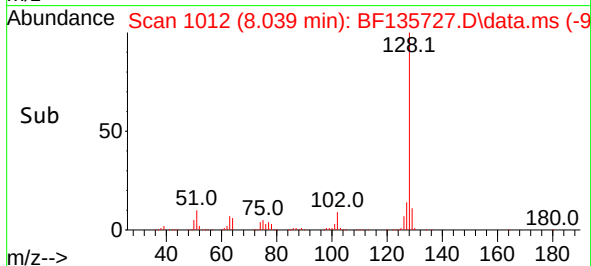
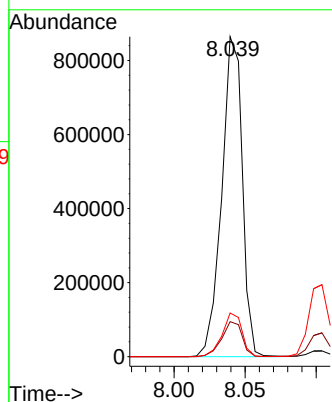
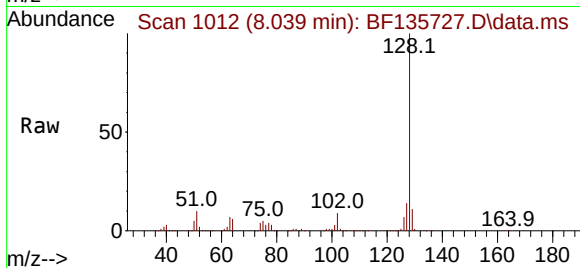
Tgt Ion:128 Resp: 869420
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.7 13.1
 127 13.6 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023

Supervised By :mohammad ahmed 10/13/2023



#32

Benzoic acid

Concen: 41.105 ng

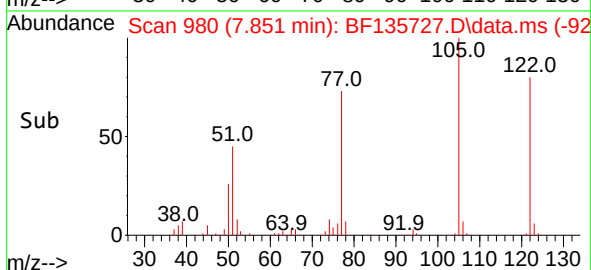
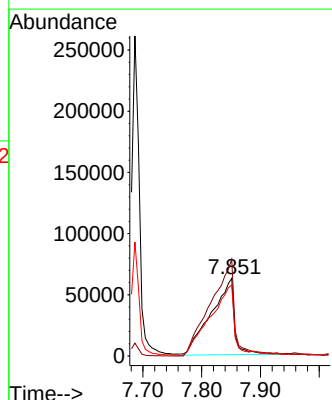
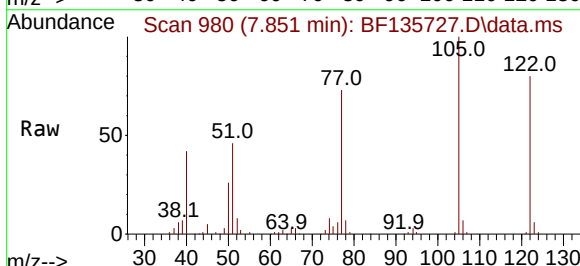
RT: 7.851 min Scan# 980

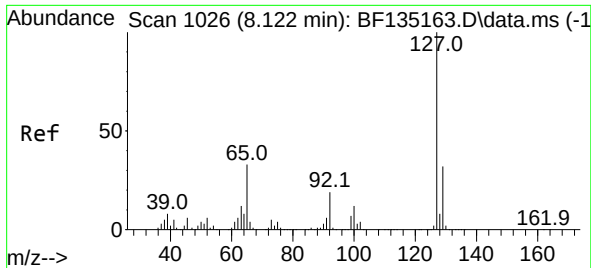
Delta R.T. 0.018 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Tgt Ion:122 Resp: 173515
 Ion Ratio Lower Upper
 122 100
 105 124.6 99.9 139.9
 77 91.5 70.0 110.0





#33
4-Chloroaniline
Concen: 27.942 ng
RT: 8.104 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

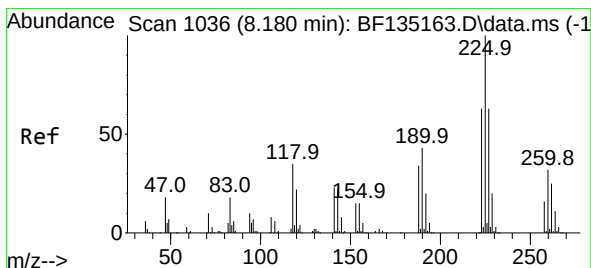
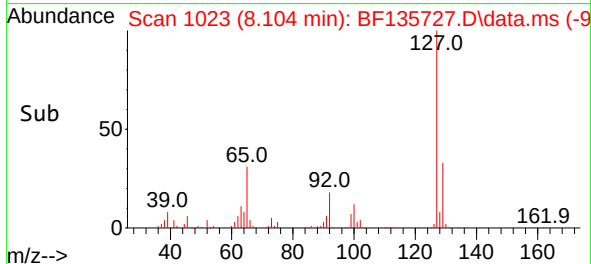
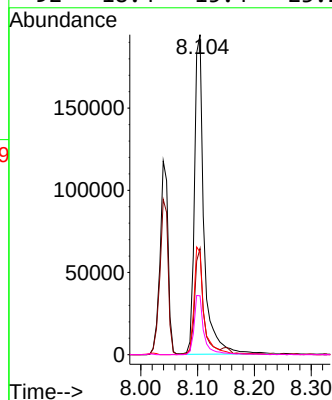
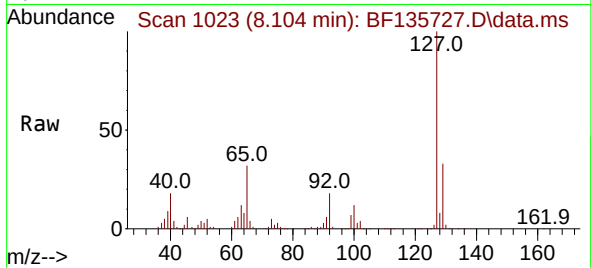
PB156073BS

Tgt Ion:127 Resp: 227510
Ion Ratio Lower Upper
127 100
129 33.2 25.8 38.8
65 32.0 26.6 39.8
92 18.4 15.4 23.2

Manual Integrations

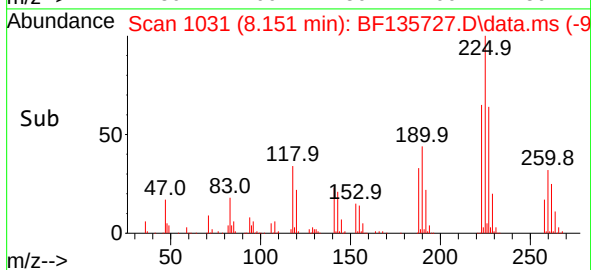
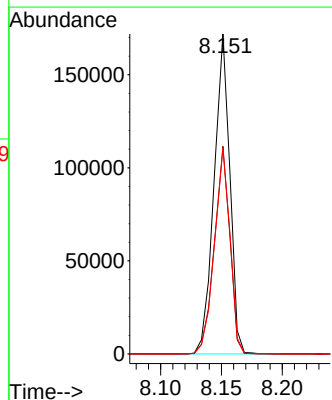
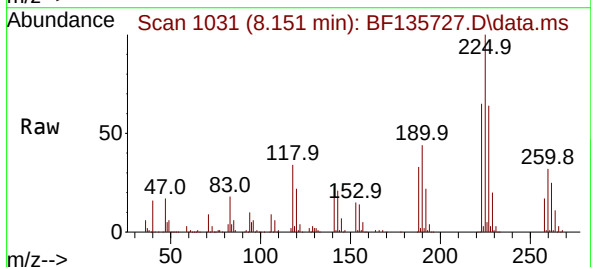
APPROVED

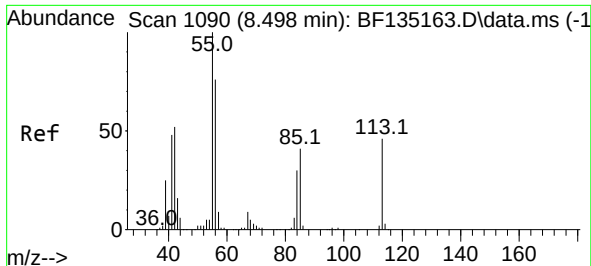
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#34
Hexachlorobutadiene
Concen: 47.363 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

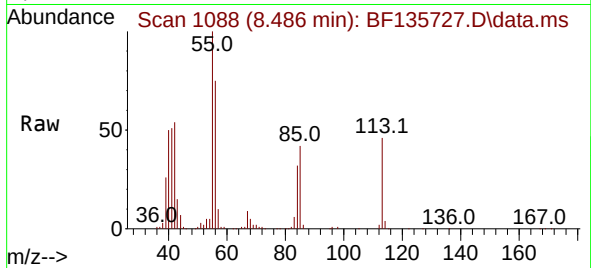
Tgt Ion:225 Resp: 155057
Ion Ratio Lower Upper
225 100
223 64.9 50.6 75.8
227 64.5 50.8 76.2





#35
 Caprolactam
 Concen: 50.517 ng m
 RT: 8.486 min Scan# 1088
 Delta R.T. 0.006 min
 Lab File: BF135727.D
 Acq: 12 Oct 2023 11:14

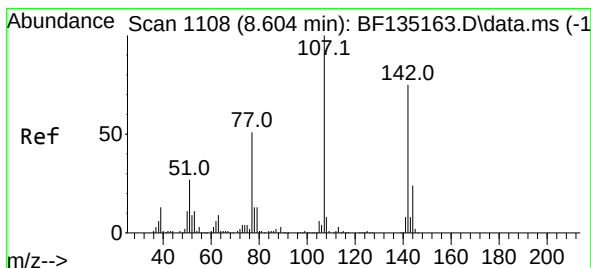
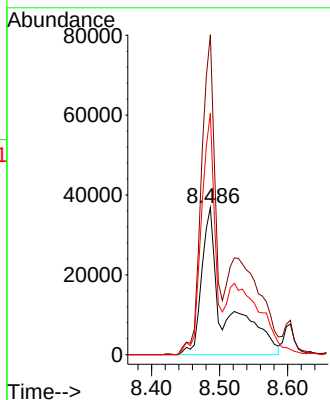
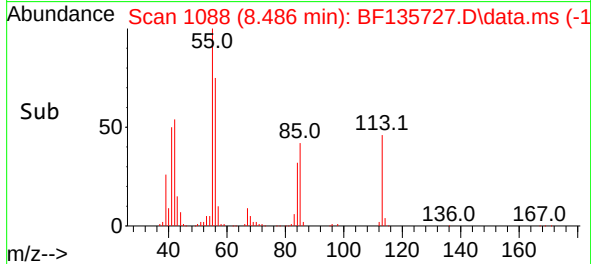
Instrument :
 BNA_F
 ClientSampleId :
 PB156073BS



Tgt Ion:113 Resp: 88069
 Ion Ratio Lower Upper
 113 100
 55 217.7 199.3 239.3
 56 164.2 146.3 186.3

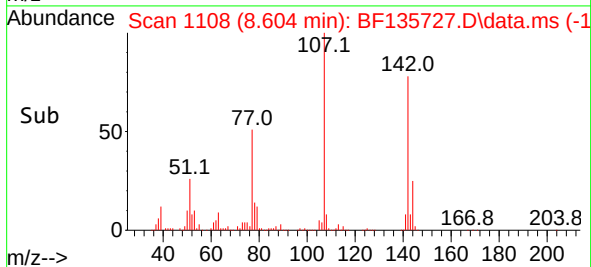
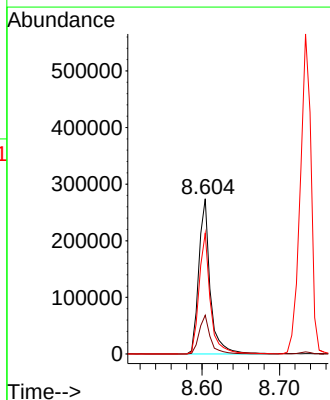
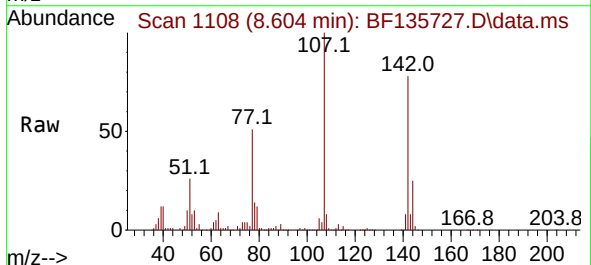
Manual Integrations
 APPROVED

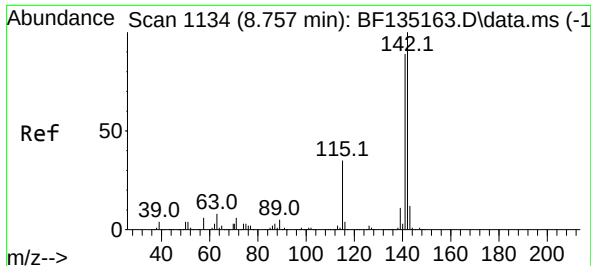
Reviewed By :Yogesh Patel 10/13/2023
 Supervised By :mohammad ahmed 10/13/2023



#36
 4-Chloro-3-methylphenol
 Concen: 48.531 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.012 min
 Lab File: BF135727.D
 Acq: 12 Oct 2023 11:14

Tgt Ion:107 Resp: 280180
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.0 28.4
 142 77.8 60.2 90.2





#37
2-Methylnaphthalene
Concen: 43.954 ng
RT: 8.733 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

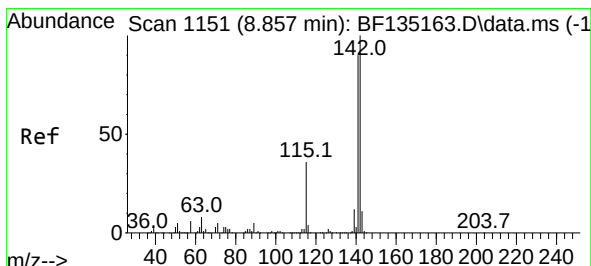
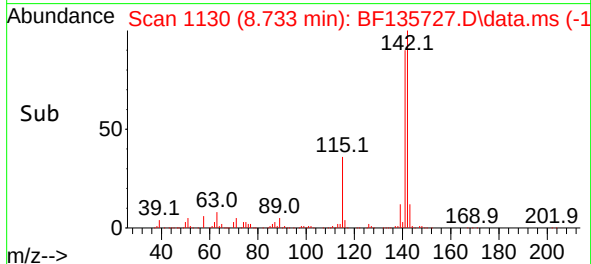
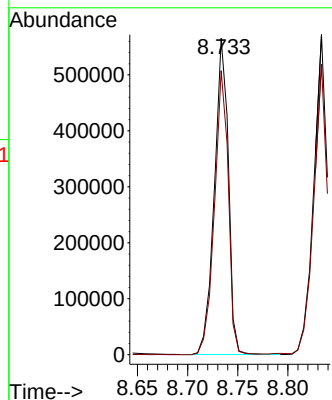
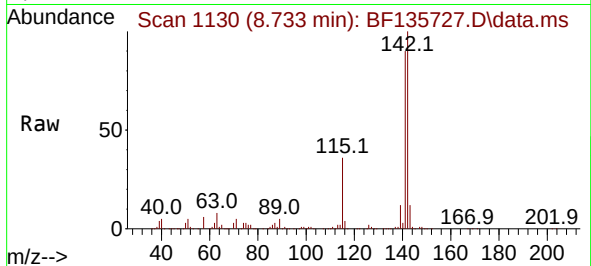
ClientSampleId :

PB156073BS

Tgt Ion:142 Resp: 54831
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.6

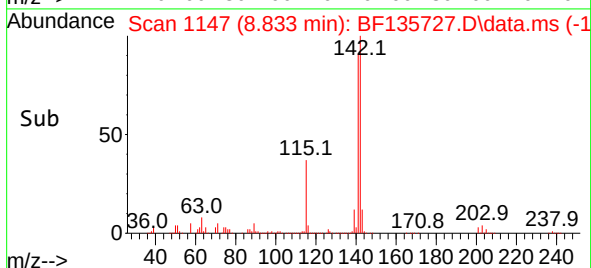
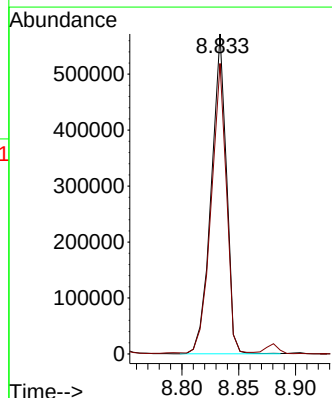
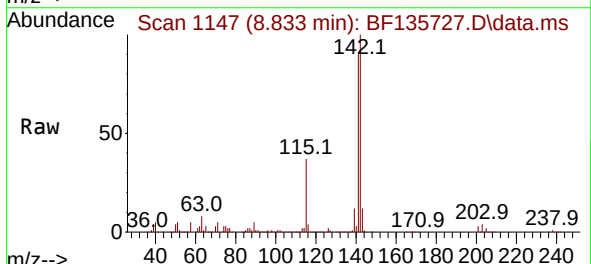
Manual Integrations
APPROVED

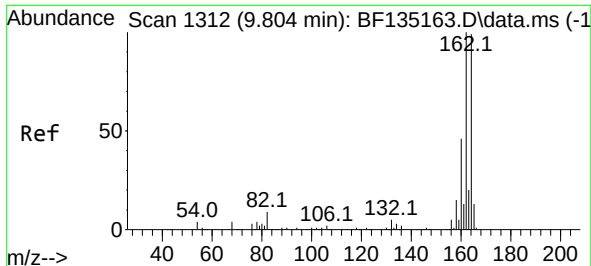
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#38
1-Methylnaphthalene
Concen: 45.372 ng
RT: 8.833 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion:142 Resp: 529918
Ion Ratio Lower Upper
142 100
141 90.8 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS

Tgt Ion:164 Resp: 19458

Ion Ratio Lower Upper

164 100

162 102.6 81.0 121.4

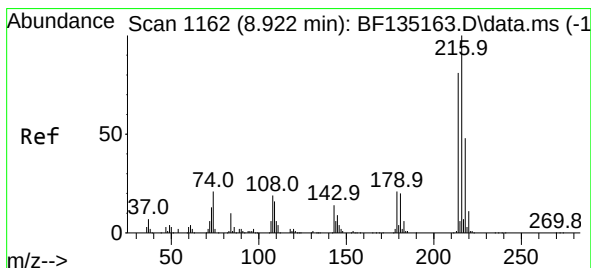
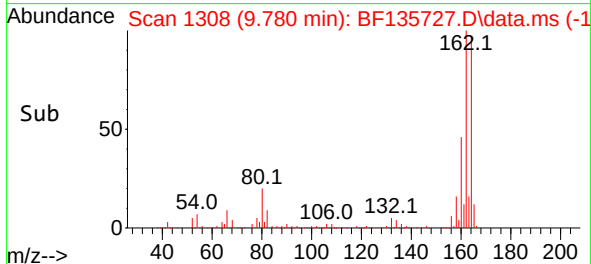
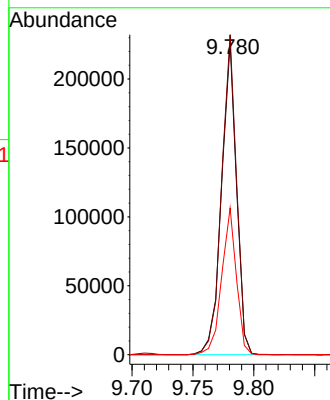
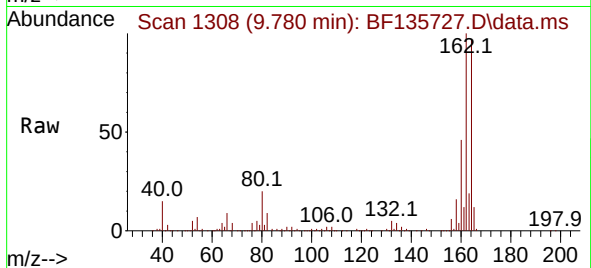
160 47.0 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023

Supervised By :mohammad ahmed 10/13/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.376 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Tgt Ion:216 Resp: 267068

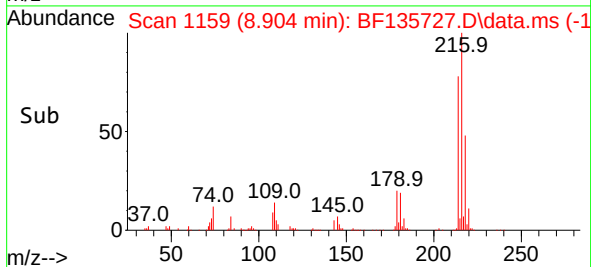
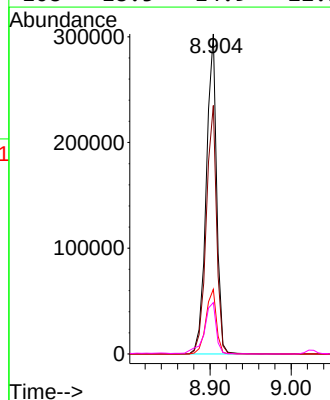
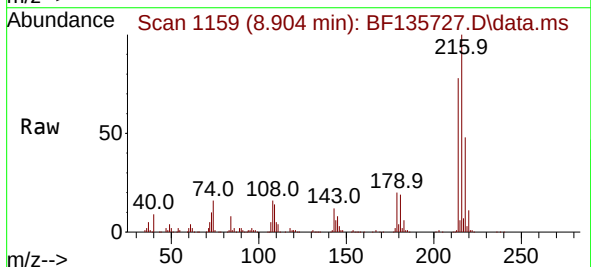
Ion Ratio Lower Upper

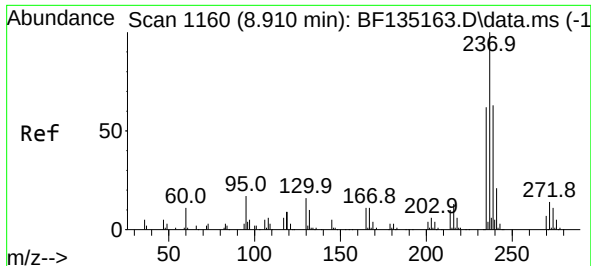
216 100

214 78.0 63.7 95.5

179 20.3 16.7 25.1

108 18.5 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 47.546 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

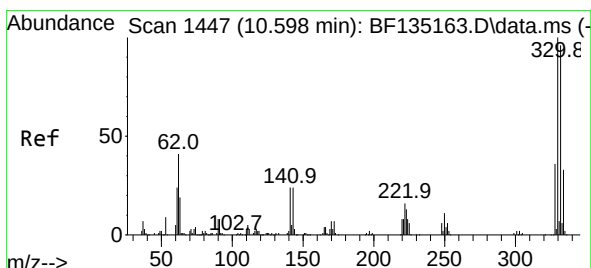
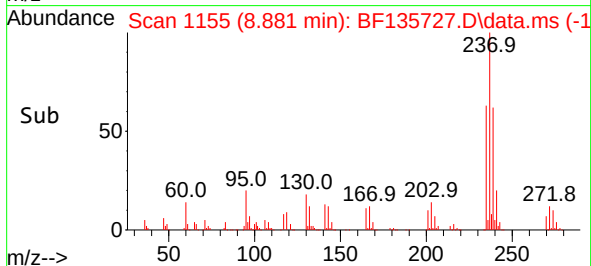
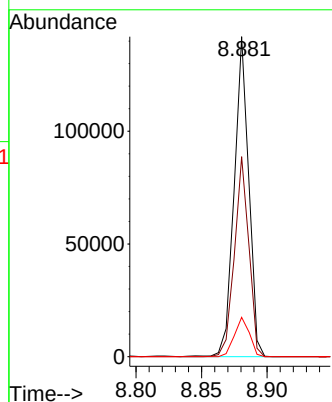
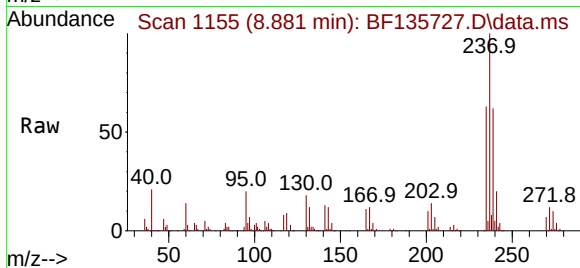
PB156073BS

Tgt Ion:237 Resp: 109904
Ion Ratio Lower Upper
237 100
235 62.5 41.8 81.8
272 12.3 0.0 33.6

Manual Integrations

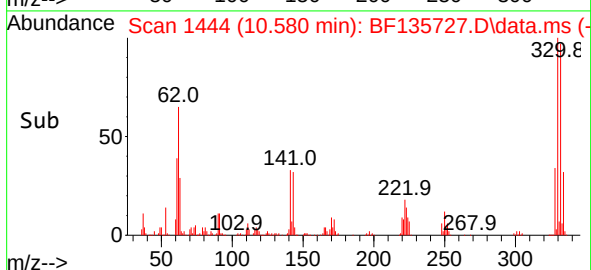
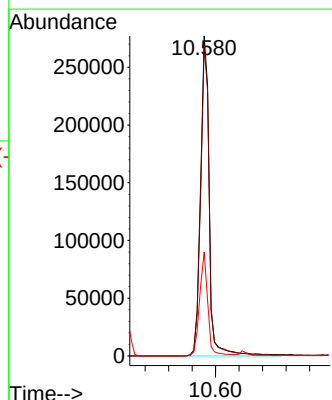
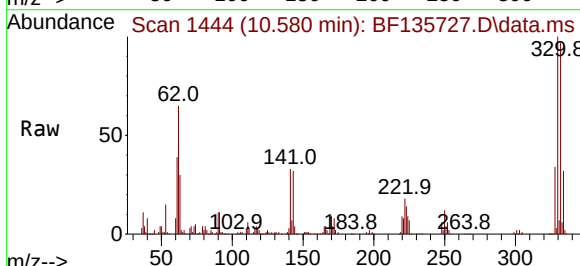
APPROVED

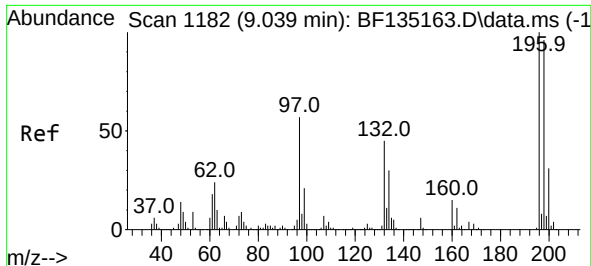
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#42
2,4,6-Tribromophenol
Concen: 148.467 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion:330 Resp: 287087
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 30.3 25.8 38.8





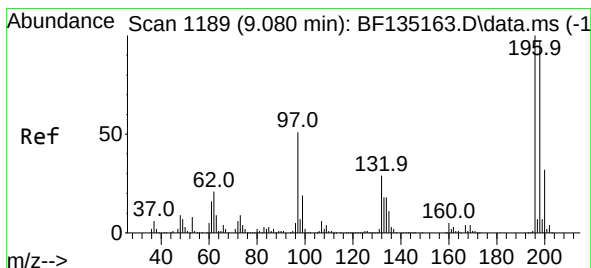
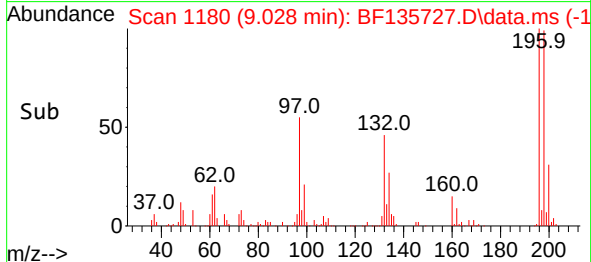
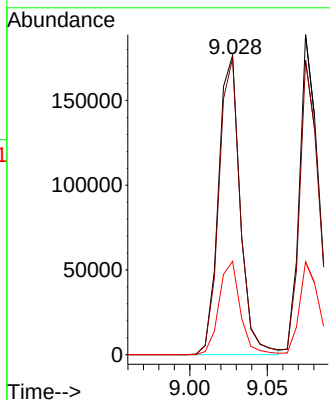
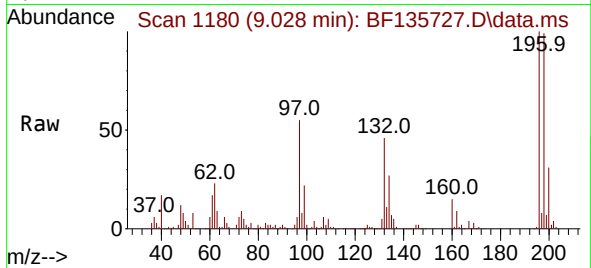
#43
2,4,6-Trichlorophenol
Concen: 46.558 ng
RT: 9.028 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB156073BS

Tgt Ion:196 Resp: 17184
Ion Ratio Lower Upper
196 100
198 99.1 77.0 115.6
200 31.2 24.5 36.7

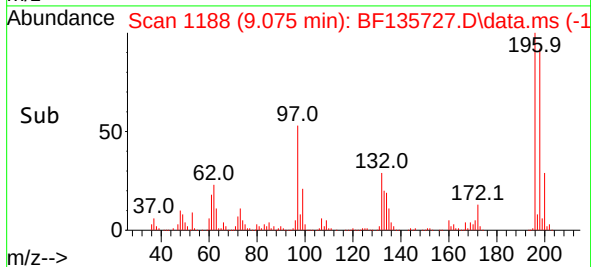
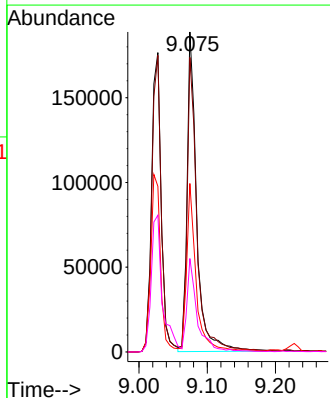
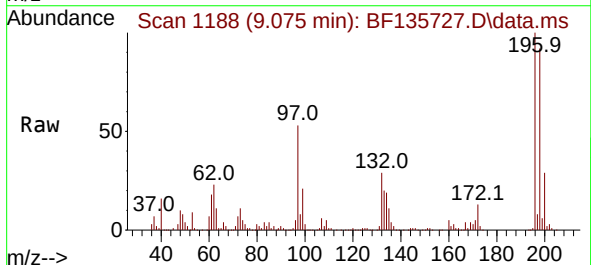
Manual Integrations
APPROVED

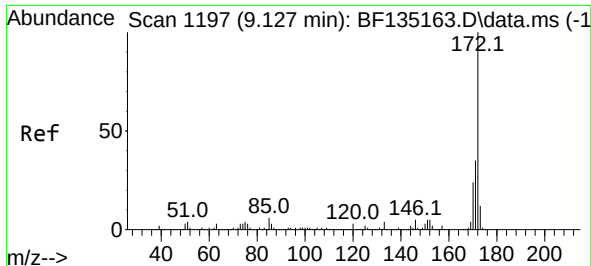
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#44
2,4,5-Trichlorophenol
Concen: 43.239 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion:196 Resp: 183787
Ion Ratio Lower Upper
196 100
198 92.0 77.5 116.3
97 52.7 40.5 60.7
132 29.2 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 89.608 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

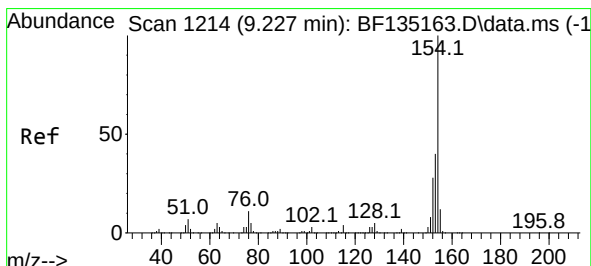
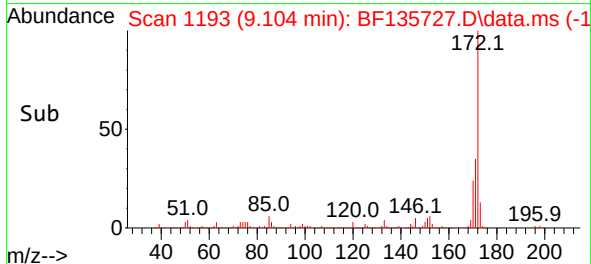
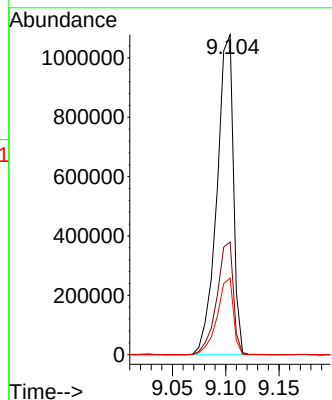
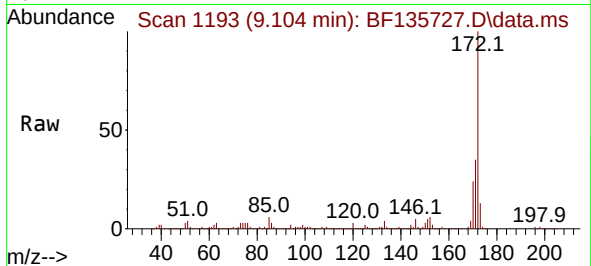
ClientSampleId :

PB156073BS

Tgt Ion:172 Resp: 1155684
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 24.0 19.0 28.4

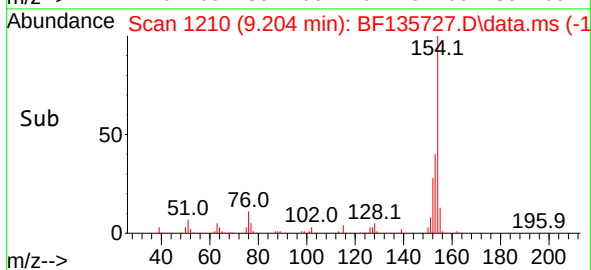
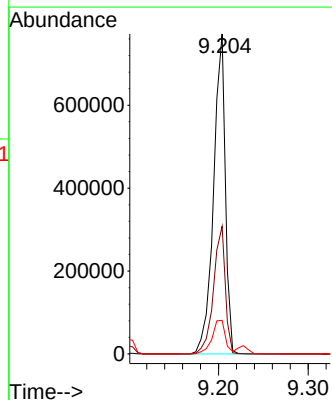
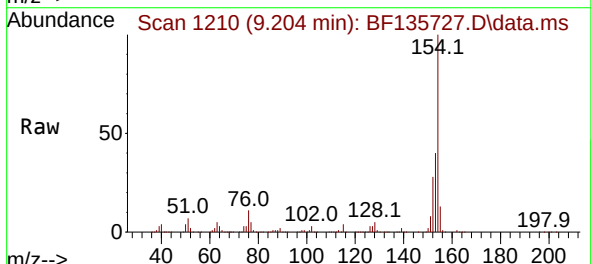
Manual Integrations
APPROVED

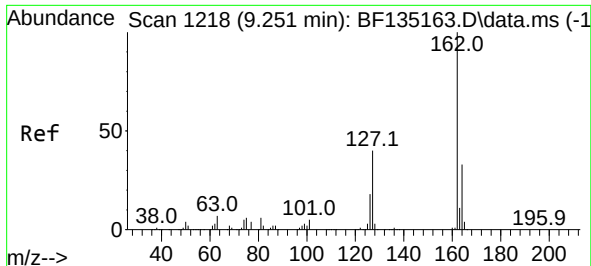
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#46
1,1'-Biphenyl
Concen: 47.156 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion:154 Resp: 705137
Ion Ratio Lower Upper
154 100
153 39.9 19.6 59.6
76 10.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 47.931 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS

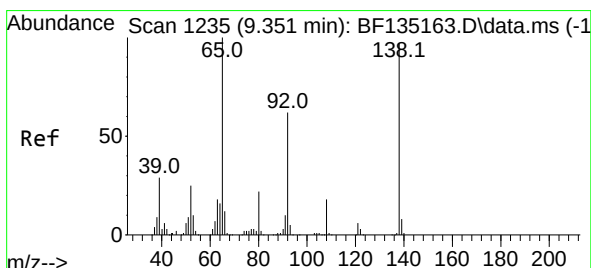
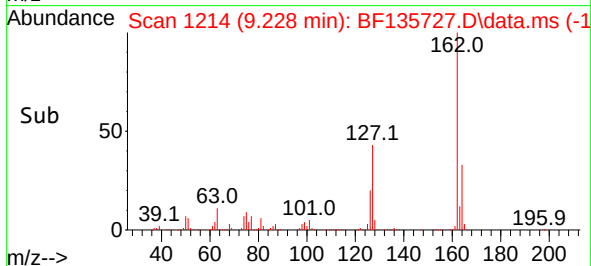
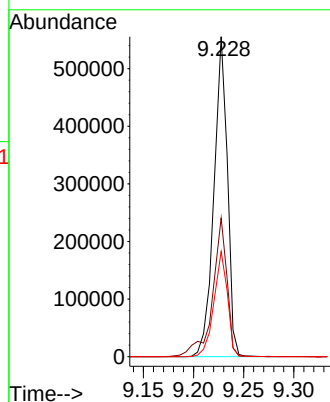
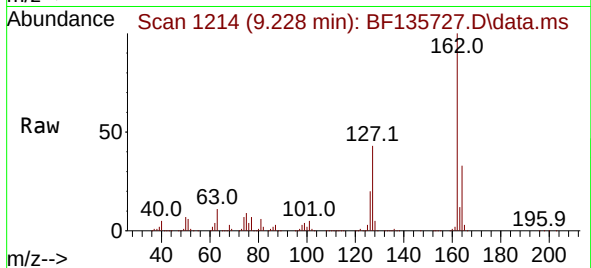
Tgt Ion:162	Resp: 52002
Ion Ratio	Lower Upper
162	100
127	43.3 32.6 48.8
164	32.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023

Supervised By :mohammad ahmed 10/13/2023



#48

2-Nitroaniline

Concen: 48.064 ng

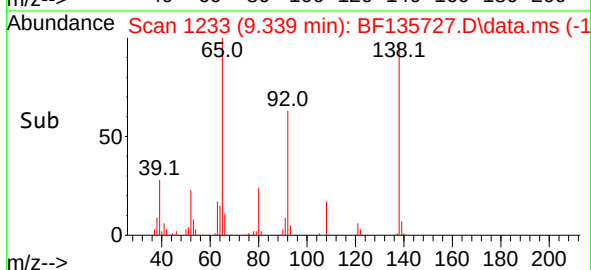
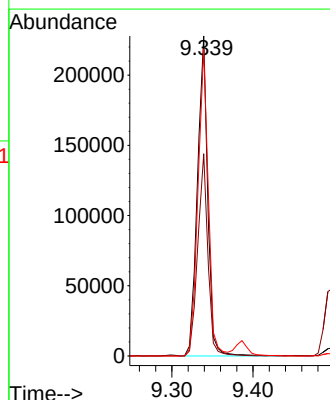
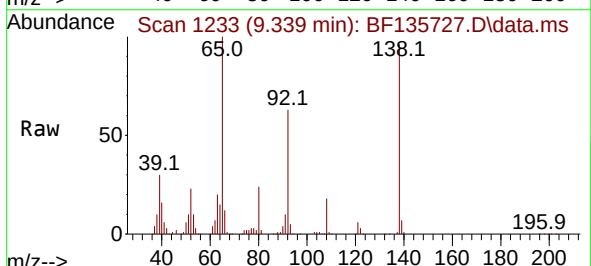
RT: 9.339 min Scan# 1233

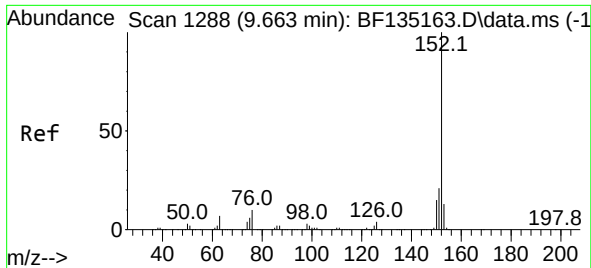
Delta R.T. 0.006 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

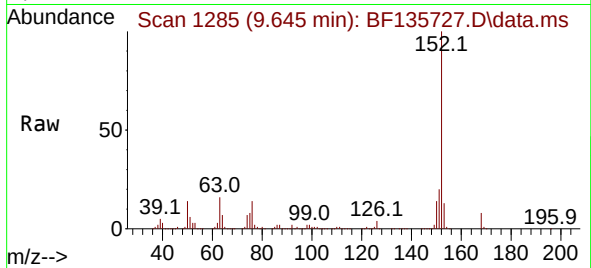
Tgt Ion: 65	Resp: 202588
Ion Ratio	Lower Upper
65	100
92	63.2 49.4 74.0
138	95.9 77.4 116.0





#49
Acenaphthylene
Concen: 47.893 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

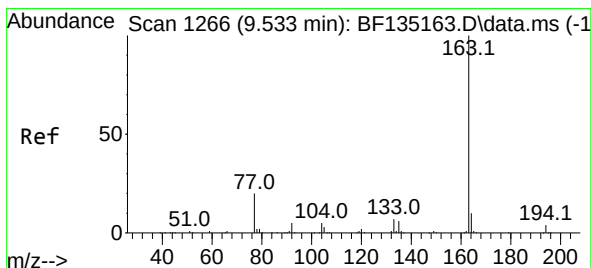
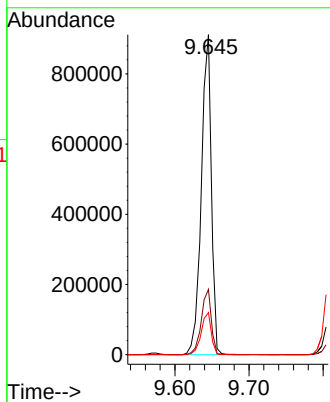
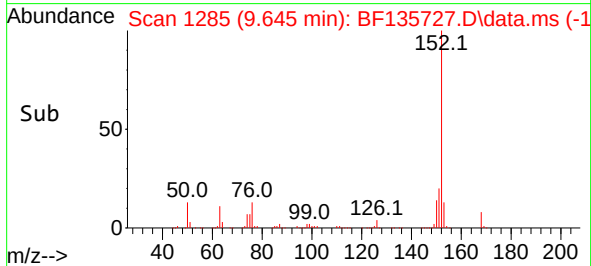
Instrument :
BNA_F
ClientSampleId :
PB156073BS



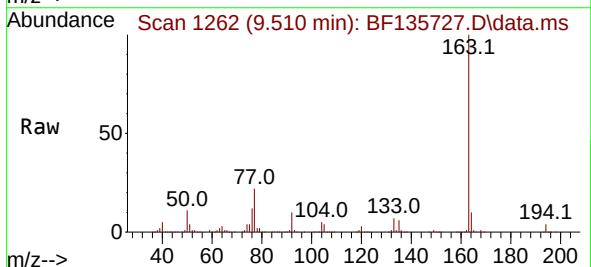
Tgt Ion:152 Resp: 863558
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.2 10.4 15.6

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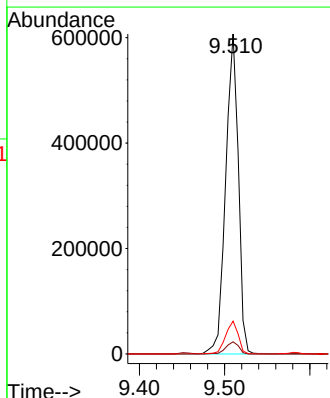
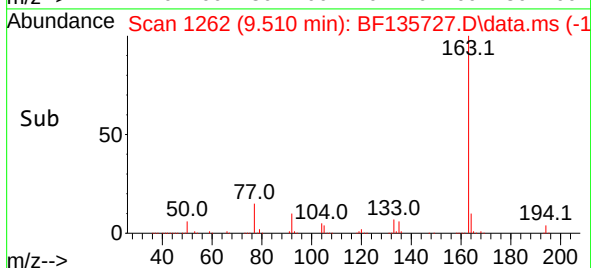
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

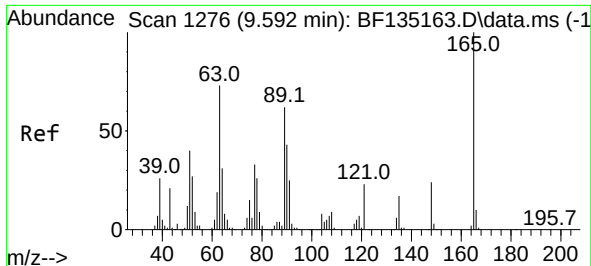


#50
Dimethylphthalate
Concen: 47.811 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14



Tgt Ion:163 Resp: 628987
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 48.746 ng

RT: 9.580 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS

Tgt Ion:165 Resp: 140480

Ion Ratio Lower Upper

165 100

63 79.7 59.4 89.2

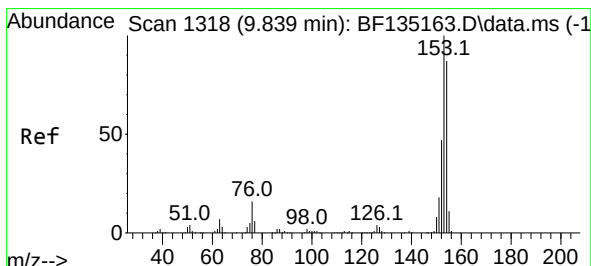
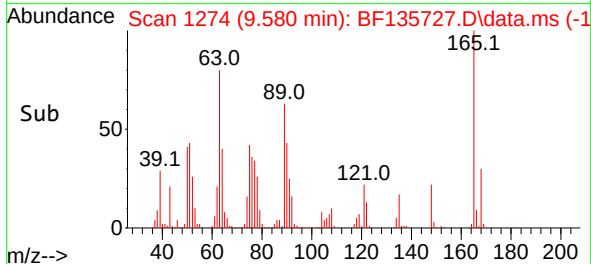
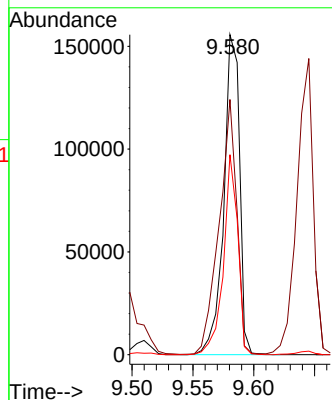
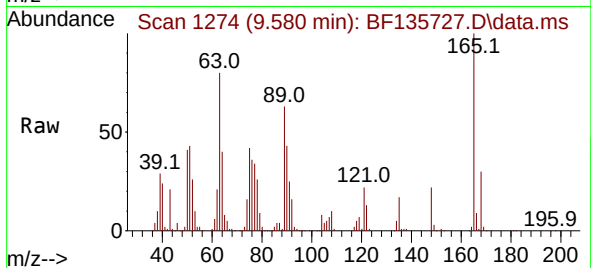
89 62.5 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023

Supervised By :mohammad ahmed 10/13/2023



#52

Acenaphthene

Concen: 47.313 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

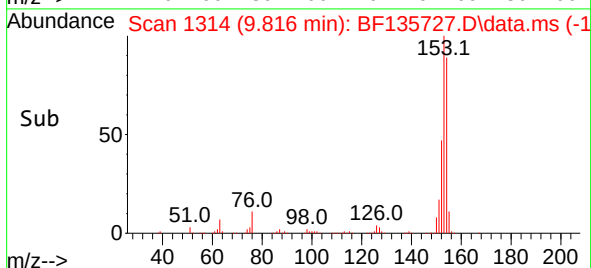
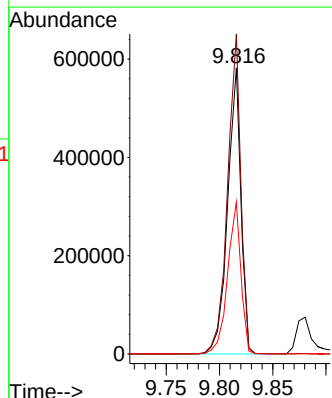
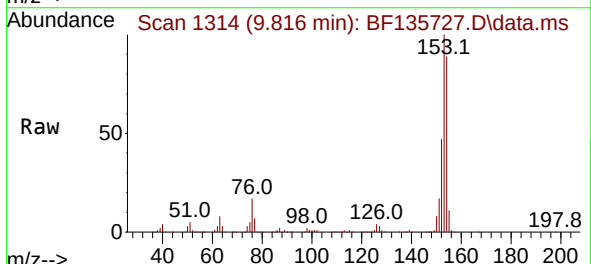
Tgt Ion:154 Resp: 503963

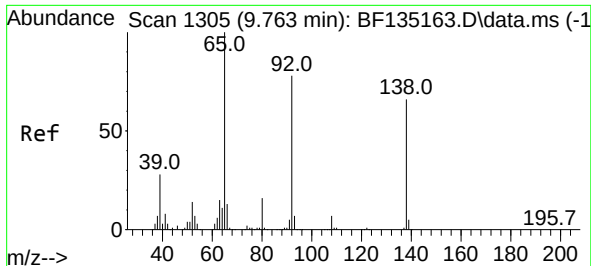
Ion Ratio Lower Upper

154 100

153 111.8 92.1 138.1

152 53.1 43.1 64.7





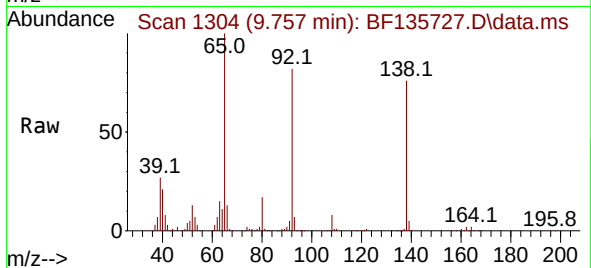
#53
3-Nitroaniline
Concen: 36.710 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS



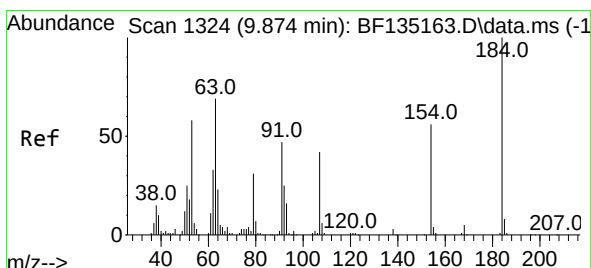
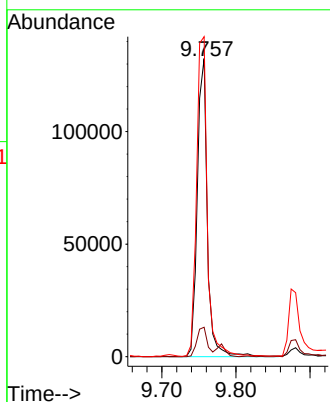
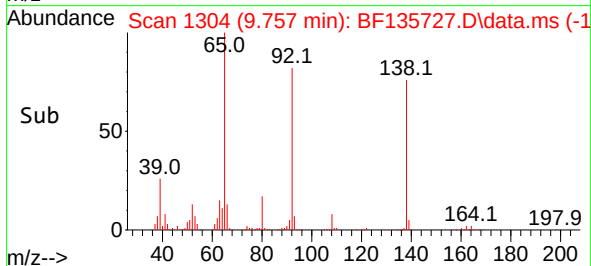
Tgt Ion:138 Resp: 124189
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 107.3 95.4 143.0

Manual Integrations

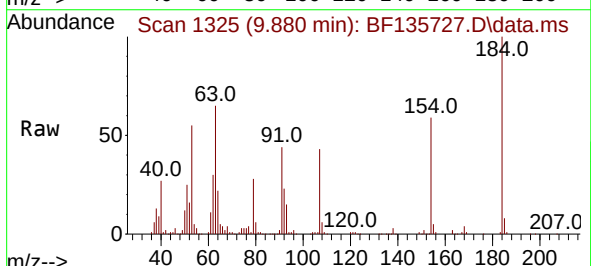
APPROVED

Reviewed By :Yogesh Patel 10/13/2023

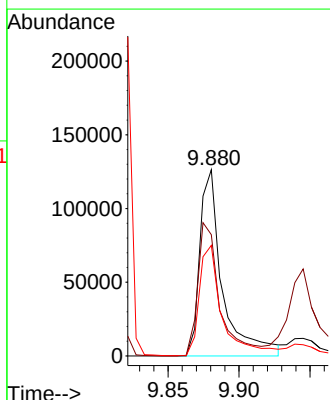
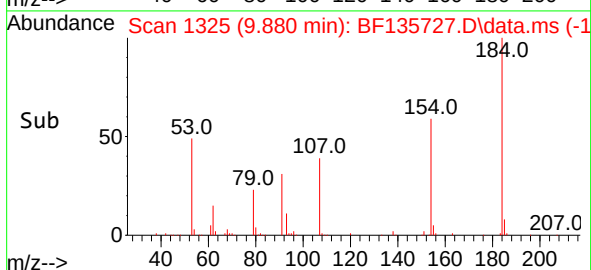
Supervised By :mohammad ahmed 10/13/2023

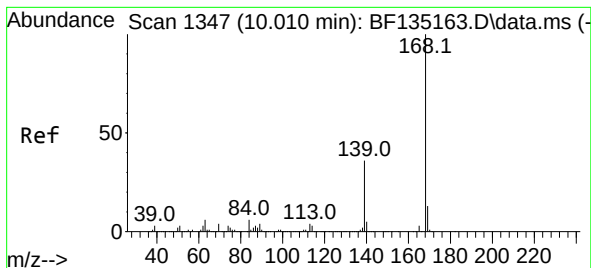


#54
2,4-Dinitrophenol
Concen: 85.405 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14



Tgt Ion:184 Resp: 140479
Ion Ratio Lower Upper
184 100
63 65.1 55.1 82.7
154 59.4 48.4 72.6





#55

Dibenzenofuran

Concen: 47.235 ng

RT: 9.986 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

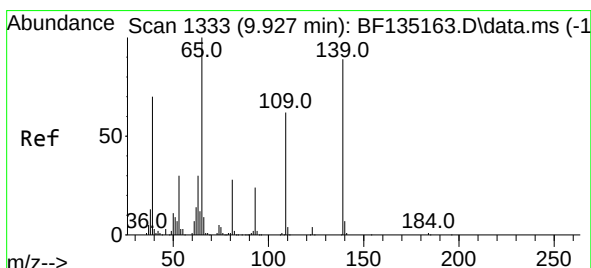
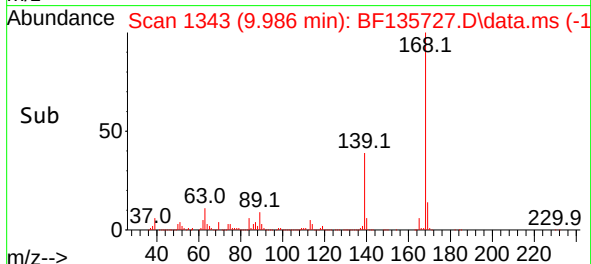
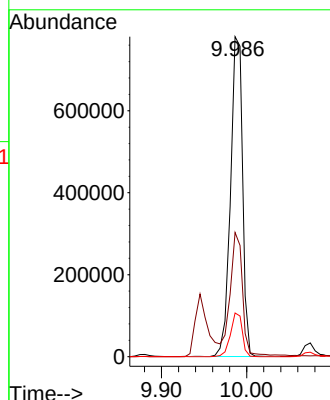
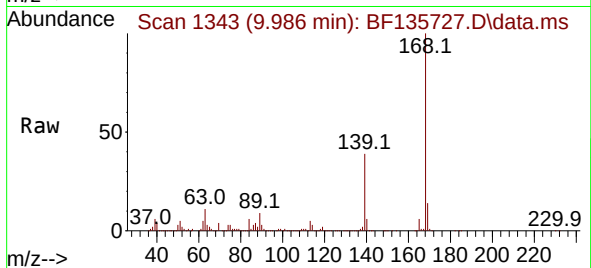
ClientSampleId :

PB156073BS

Tgt Ion:168 Resp: 767780
 Ion Ratio Lower Upper
 168 100
 139 38.8 29.0 43.6
 169 13.6 10.4 15.6

Manual Integrations
 APPROVED

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



#56

4-Nitrophenol

Concen: 75.570 ng

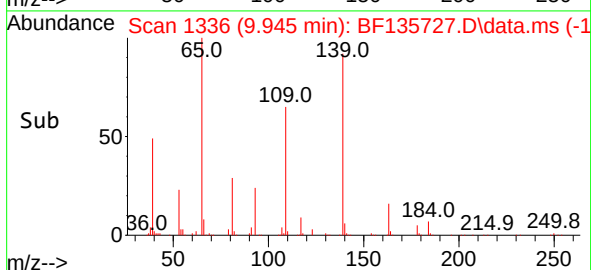
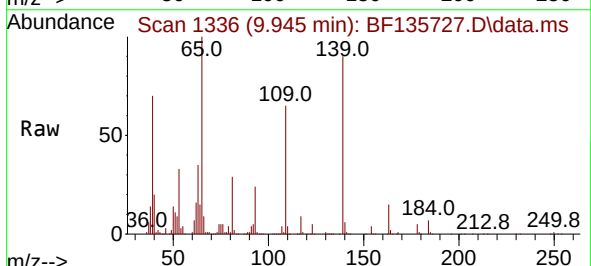
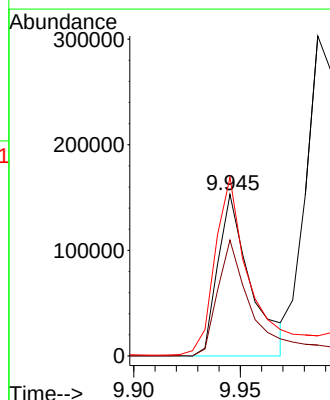
RT: 9.945 min Scan# 1336

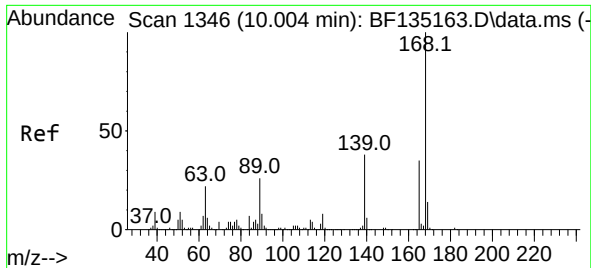
Delta R.T. 0.006 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Tgt Ion:139 Resp: 162479
 Ion Ratio Lower Upper
 139 100
 109 71.7 49.8 89.8
 65 110.5 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 51.087 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

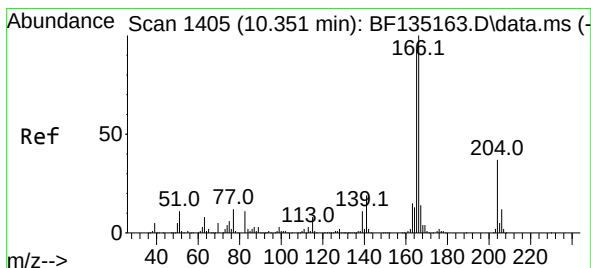
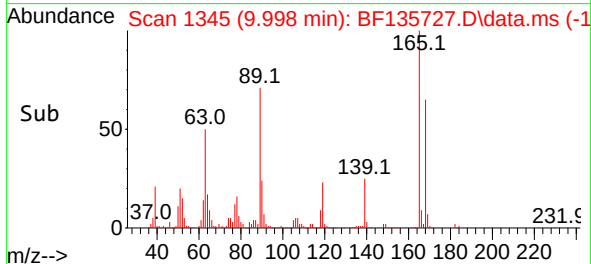
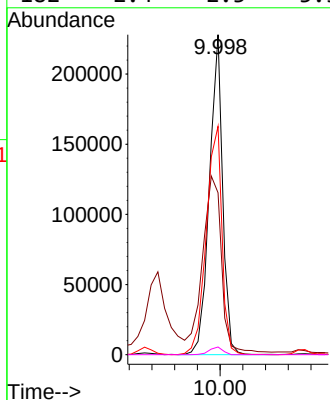
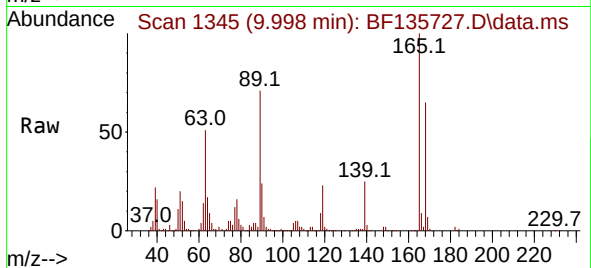
ClientSampleId :

PB156073BS

Tgt Ion:165 Resp: 18432
Ion Ratio Lower Upper
165 100
63 50.6 50.1 75.1
89 71.4 59.3 88.9
182 2.4 2.3 3.5

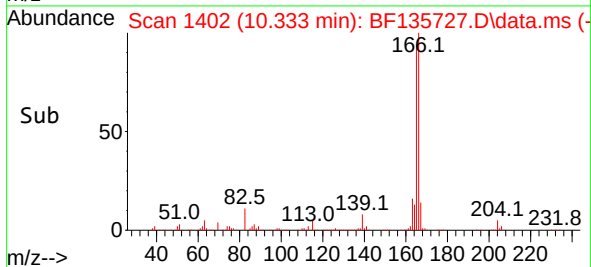
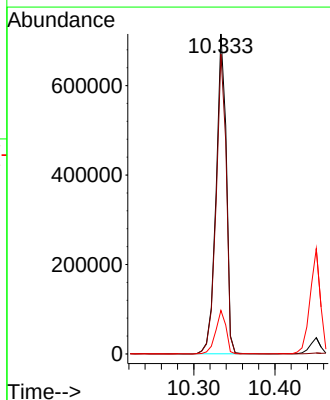
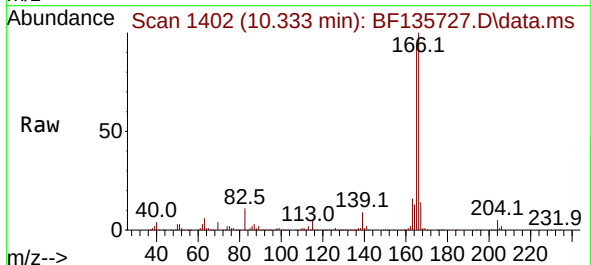
Manual Integrations
APPROVED

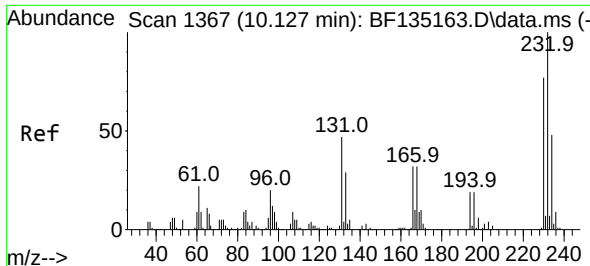
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#58
Fluorene
Concen: 49.868 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

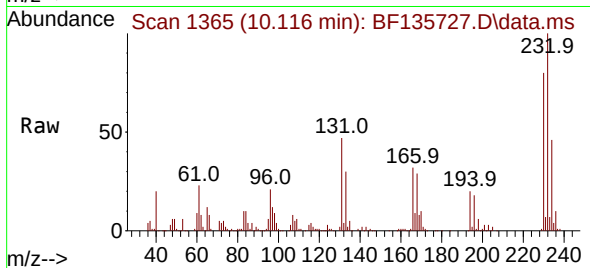
Tgt Ion:166 Resp: 623140
Ion Ratio Lower Upper
166 100
165 93.7 74.3 111.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.239 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

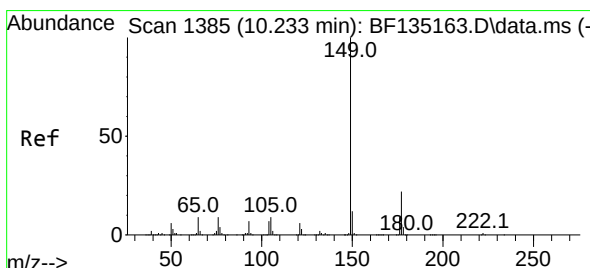
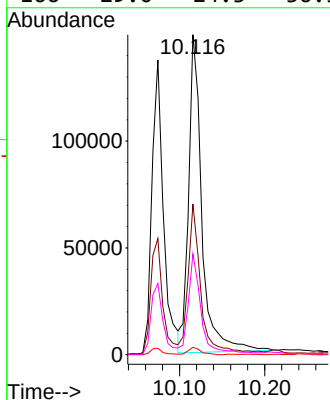
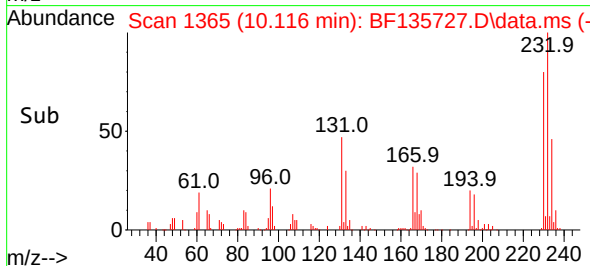
Instrument :
BNA_F
ClientSampleId :
PB156073BS



Tgt Ion:232 Resp: 160994
Ion Ratio Lower Upper
232 100
131 43.3 35.4 53.2
130 2.2 1.8 2.8
166 29.0 24.3 36.5

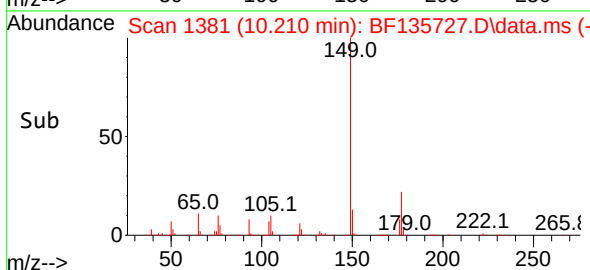
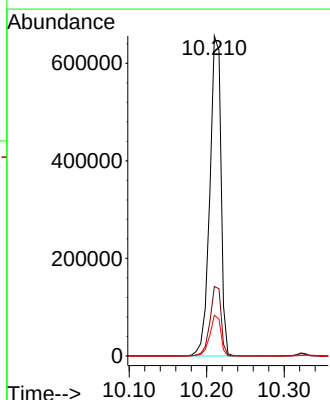
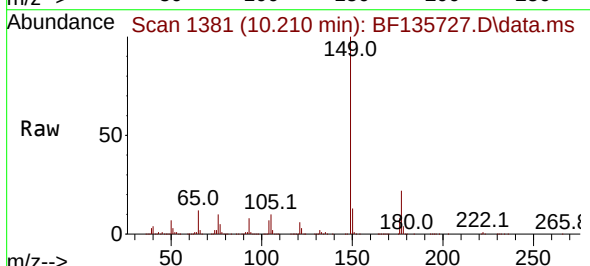
Manual Integrations
APPROVED

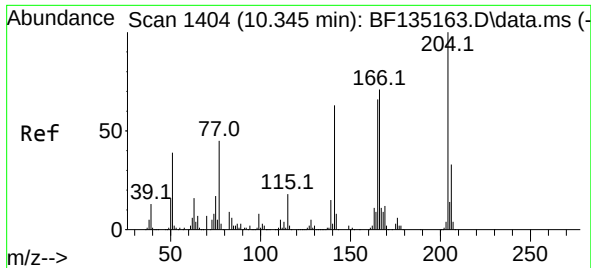
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#60
Diethylphthalate
Concen: 49.766 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

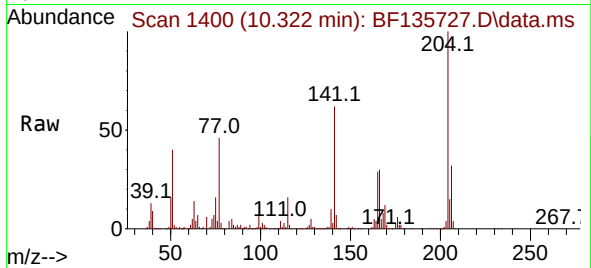
Tgt Ion:149 Resp: 657064
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 49.136 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

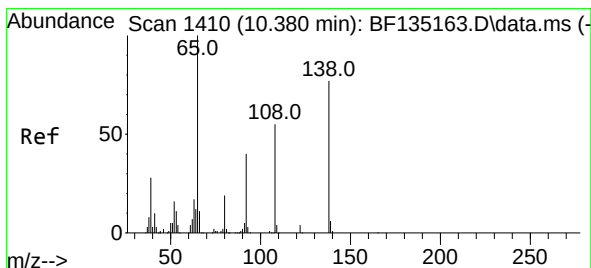
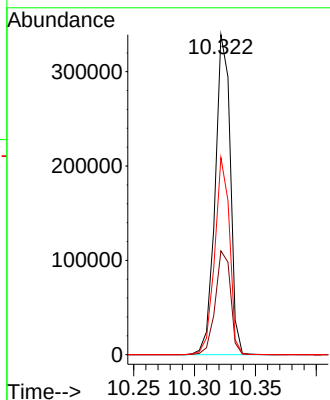
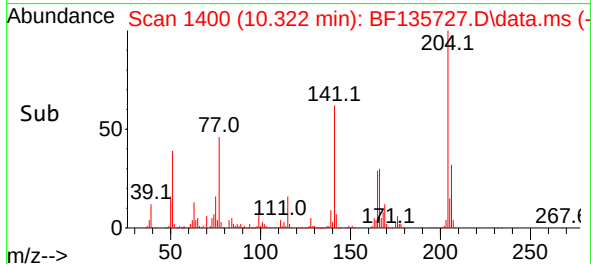
Instrument :
BNA_F
ClientSampleId :
PB156073BS



Tgt Ion:204 Resp: 29494
Ion Ratio Lower Upper
204 100
206 32.4 26.7 40.1
141 61.6 50.6 75.8

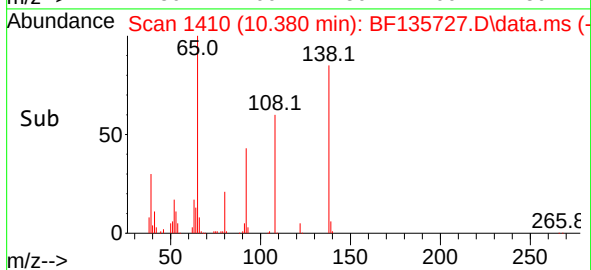
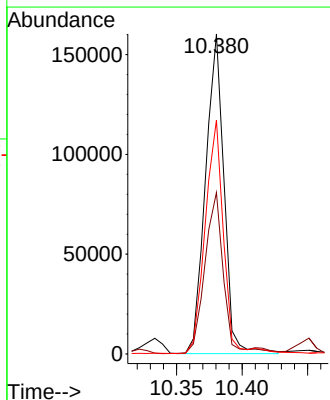
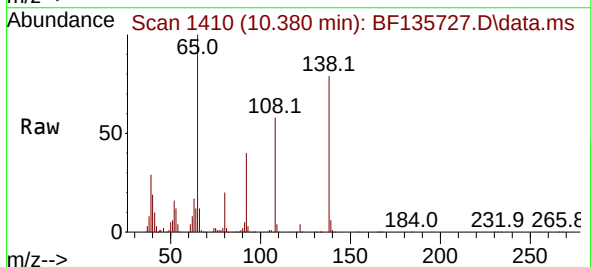
Manual Integrations
APPROVED

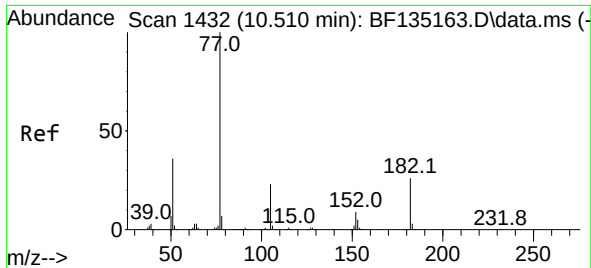
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#62
4-Nitroaniline
Concen: 48.279 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion:138 Resp: 156997
Ion Ratio Lower Upper
138 100
92 50.4 31.8 71.8
108 73.1 52.0 92.0





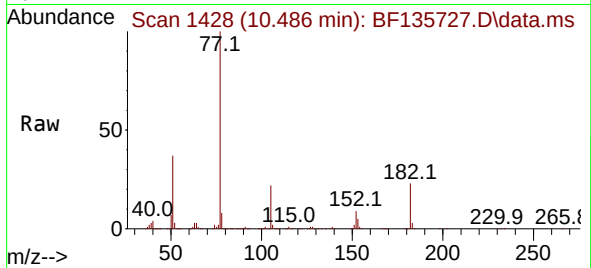
#63
Azobenzene
Concen: 49.620 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS

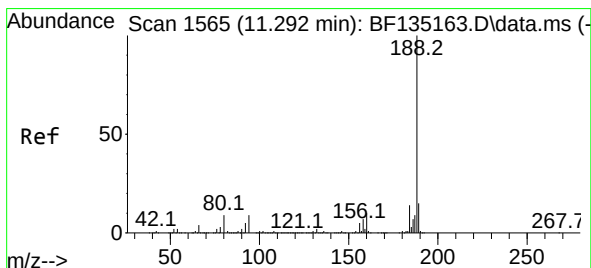
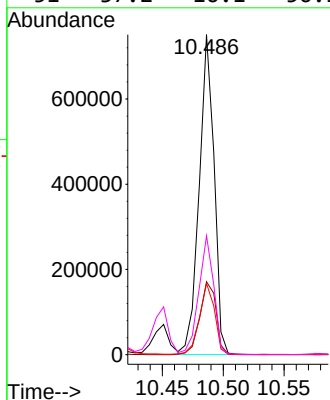
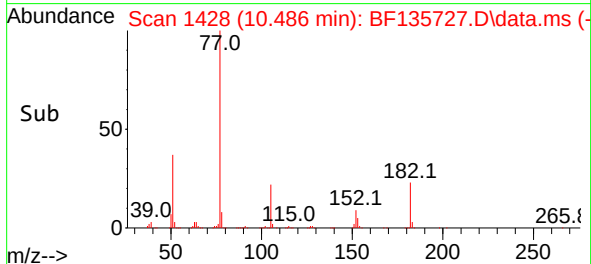


Tgt Ion: 77 Resp: 641168
Ion Ratio Lower Upper
77 100
182 22.8 6.4 46.4
105 22.3 3.1 43.1
51 37.2 16.1 56.1

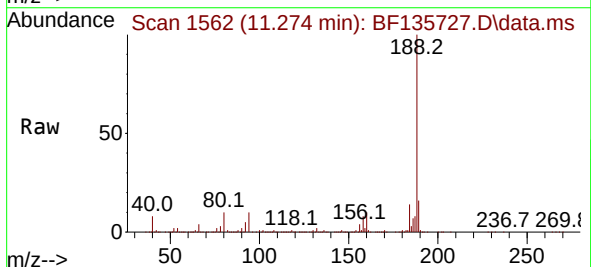
Manual Integrations

APPROVED

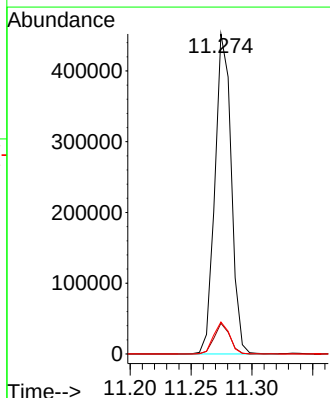
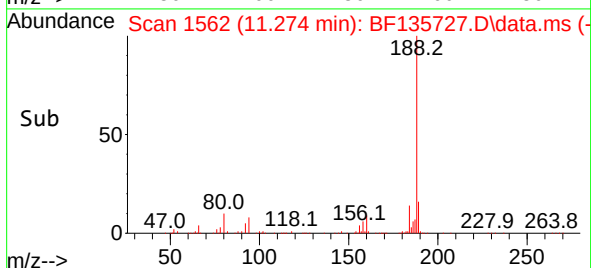
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

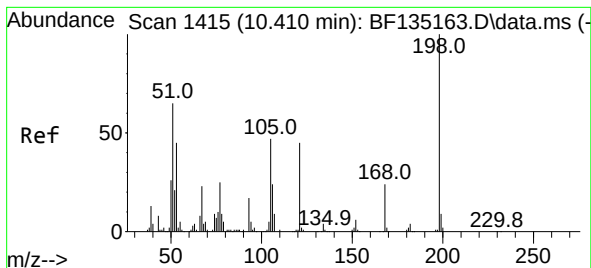


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14



Tgt Ion:188 Resp: 423232
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.0 7.5 11.3





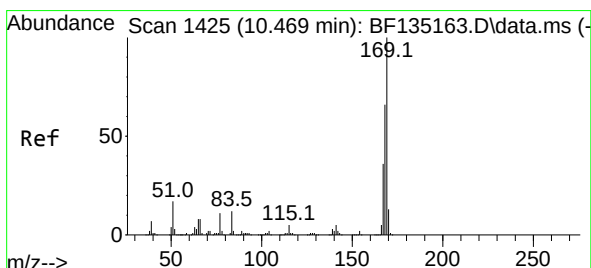
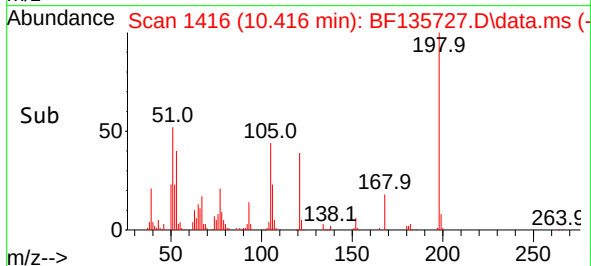
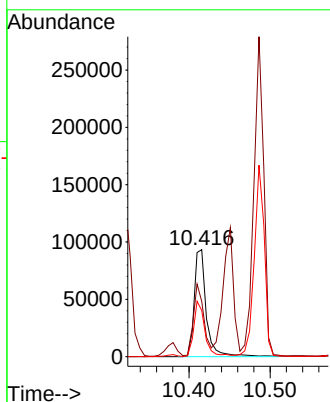
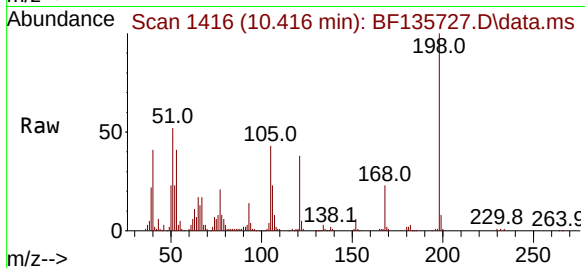
#65
4,6-Dinitro-2-methylphenol
Concen: 43.241 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB156073BS

Tgt Ion:198 Resp: 97200
Ion Ratio Lower Upper
198 100
51 51.7 47.7 87.7
105 43.2 27.4 67.4

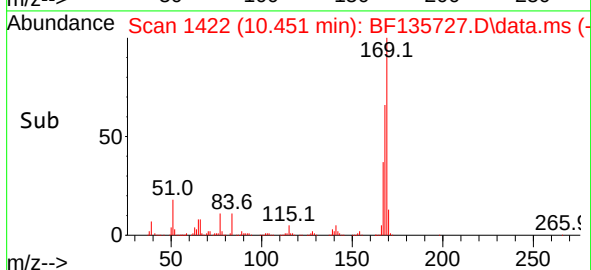
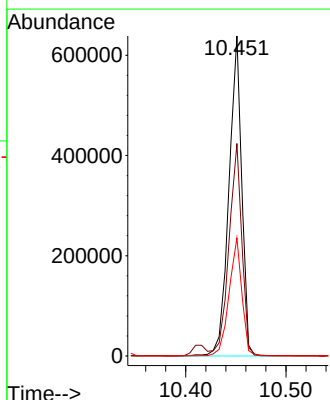
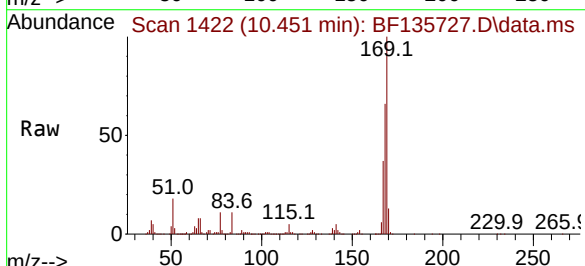
Manual Integrations
APPROVED

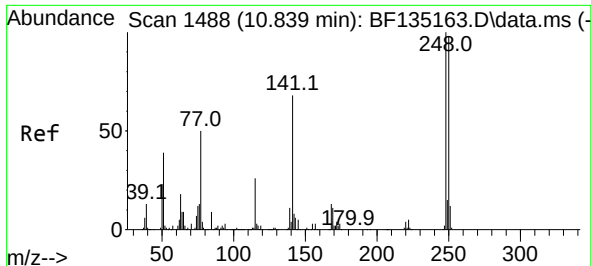
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#66
n-Nitrosodiphenylamine
Concen: 44.174 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion:169 Resp: 566011
Ion Ratio Lower Upper
169 100
168 66.4 52.8 79.2
167 36.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 45.589 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

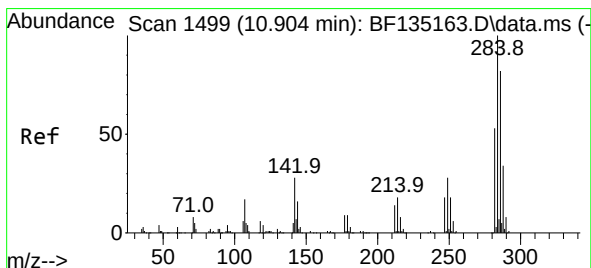
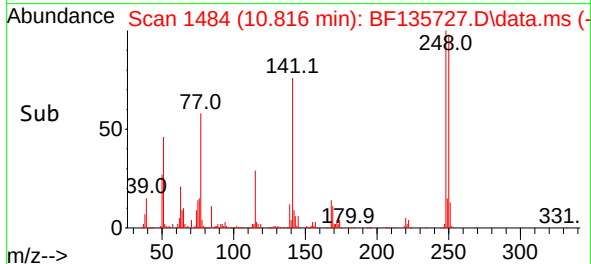
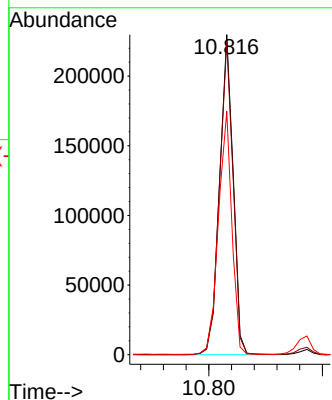
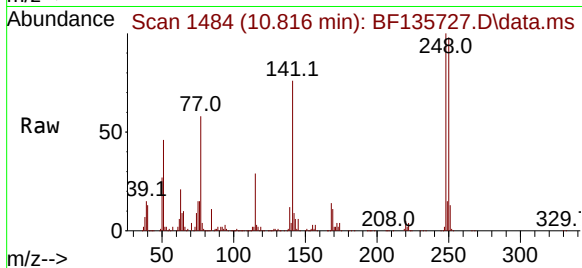
ClientSampleId :

PB156073BS

Tgt Ion:248 Resp: 19190
Ion Ratio Lower Upper
248 100
250 97.8 78.6 117.8
141 76.1 54.2 81.2

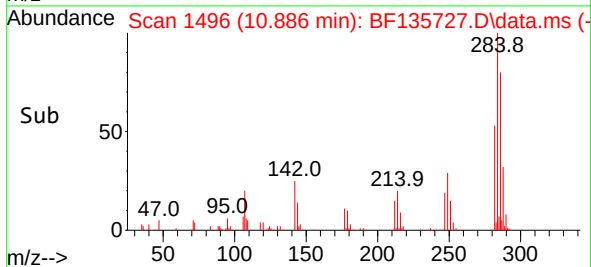
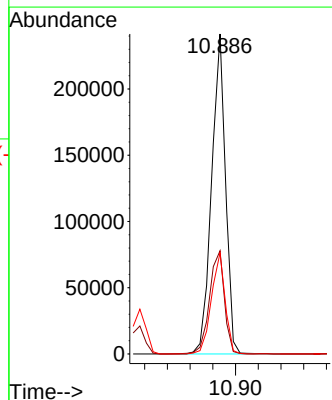
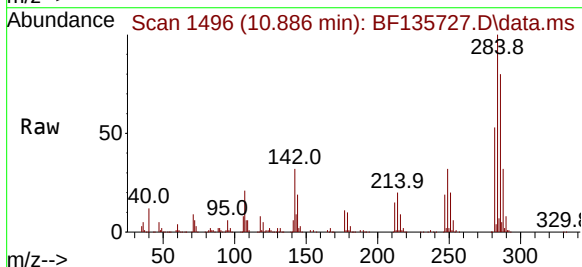
Manual Integrations
APPROVED

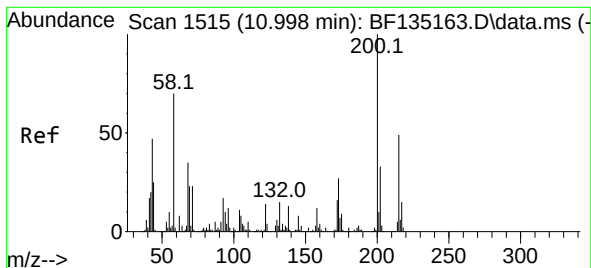
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#68
Hexachlorobenzene
Concen: 47.779 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion:284 Resp: 204892
Ion Ratio Lower Upper
284 100
142 32.3 22.2 33.4
249 31.6 22.5 33.7





#69

Atrazine

Concen: 54.122 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.006 min

Lab File: BF135727.D

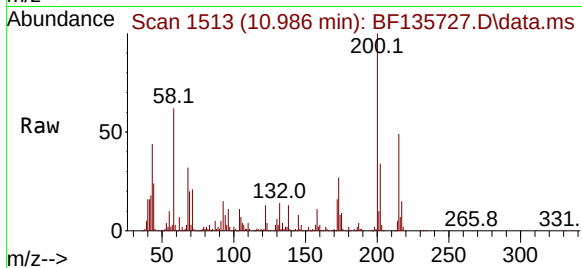
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS



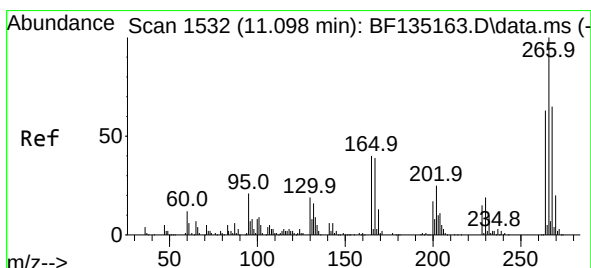
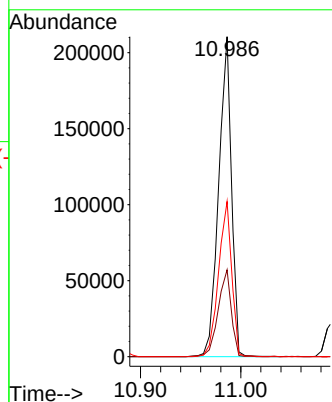
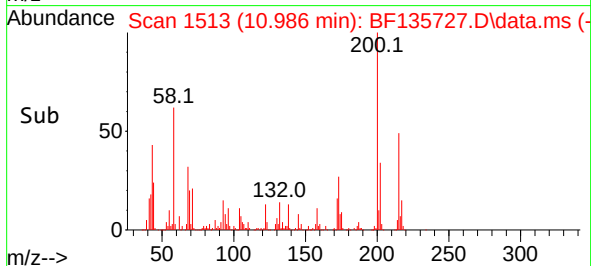
Tgt Ion:200	Resp: 186594
Ion Ratio	Lower Upper
200	100
173	27.2 7.4 47.4
215	48.5 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023

Supervised By :mohammad ahmed 10/13/2023



#70

Pentachlorophenol

Concen: 69.561 ng

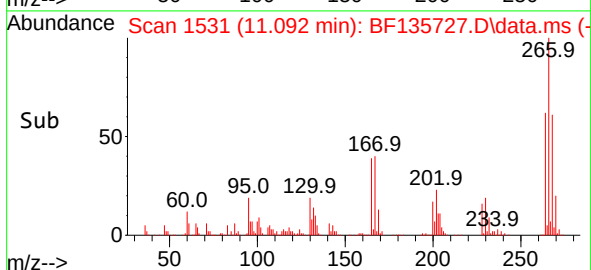
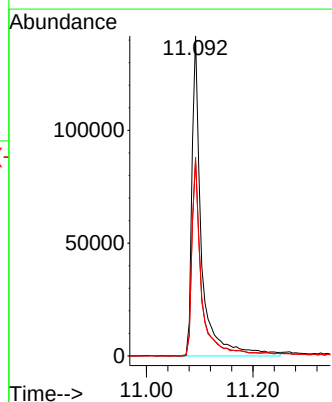
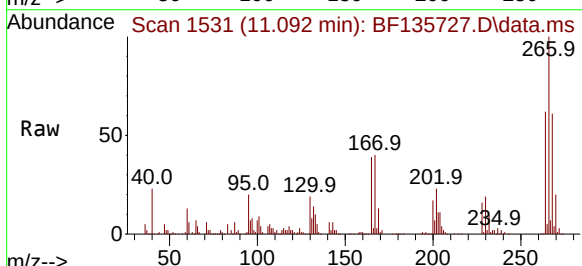
RT: 11.092 min Scan# 1531

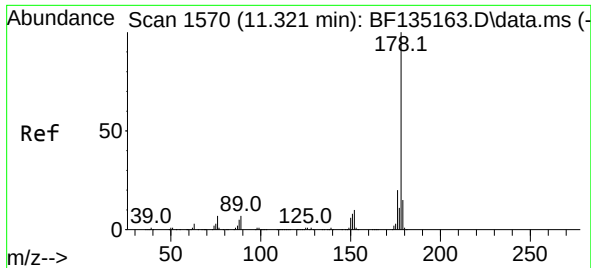
Delta R.T. 0.006 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Tgt Ion:266	Resp: 178474
Ion Ratio	Lower Upper
266	100
268	61.3 52.1 78.1
264	62.1 50.8 76.2





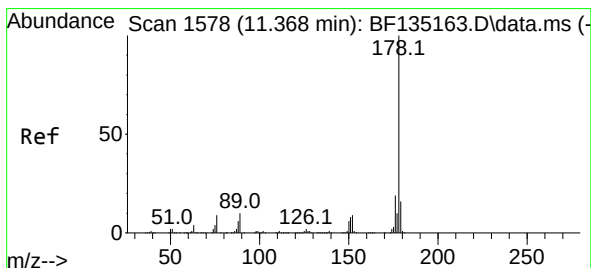
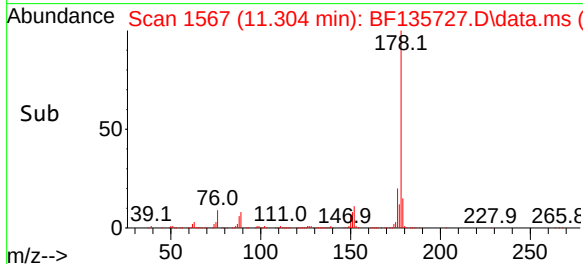
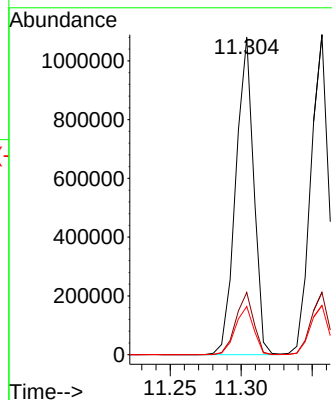
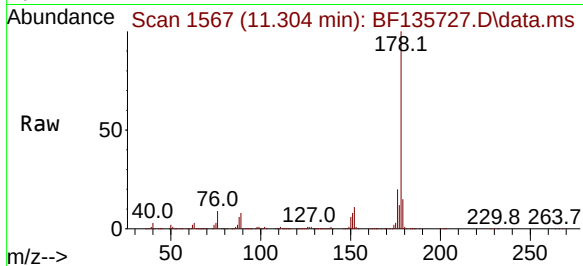
#71
Phenanthrene
Concen: 47.539 ng
RT: 11.304 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB156073BS

Tgt Ion:178 Resp: 95158
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.2 12.0 18.0

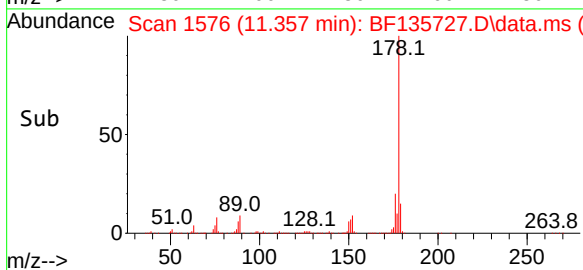
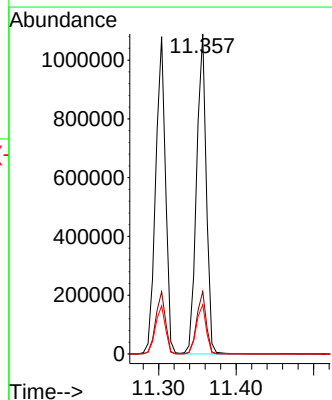
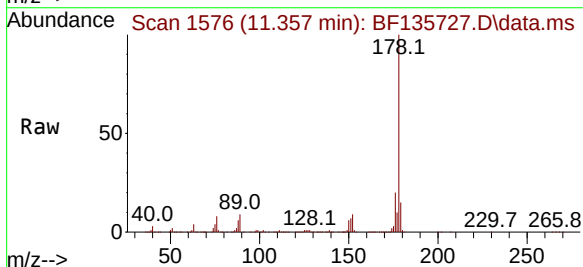
Manual Integrations
APPROVED

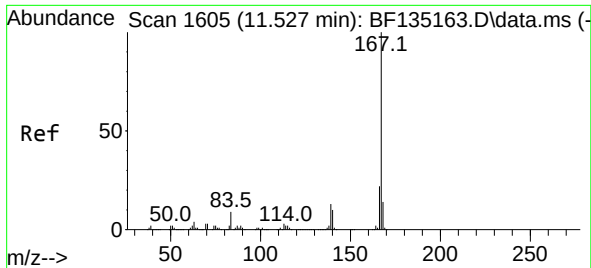
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#72
Anthracene
Concen: 46.019 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

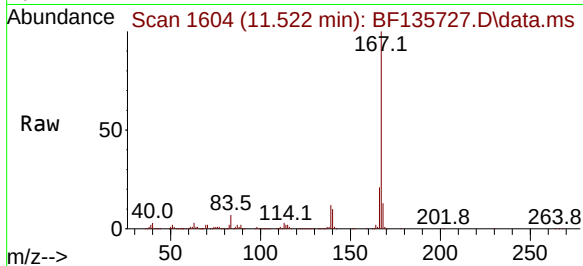
Tgt Ion:178 Resp: 946849
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.4 12.6 19.0





#73
 Carbazole
 Concen: 48.703 ng
 RT: 11.522 min Scan# 1604
 Delta R.T. 0.006 min
 Lab File: BF135727.D
 Acq: 12 Oct 2023 11:14

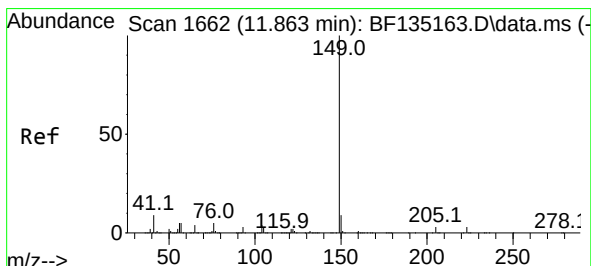
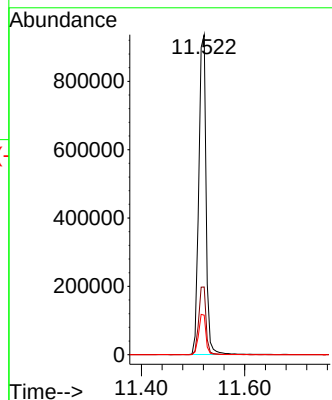
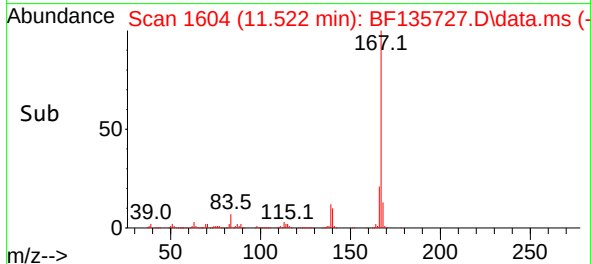
Instrument :
 BNA_F
 ClientSampleId :
 PB156073BS



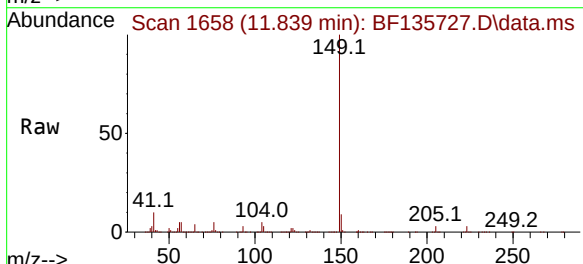
Tgt Ion:167 Resp: 912215
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 12.3 10.6 15.8

Manual Integrations
 APPROVED

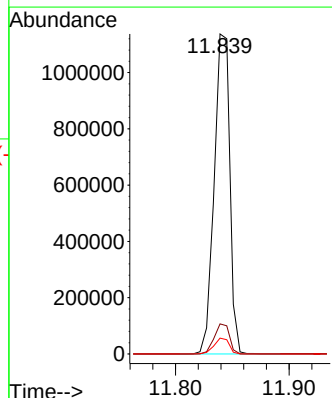
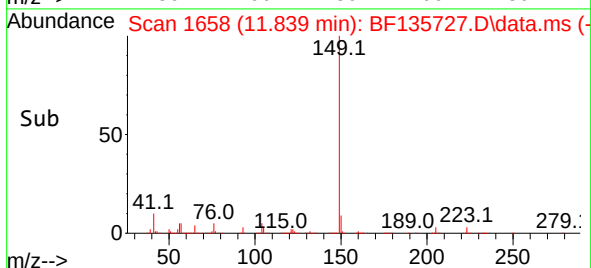
Reviewed By :Yogesh Patel 10/13/2023
 Supervised By :mohammad ahmed 10/13/2023

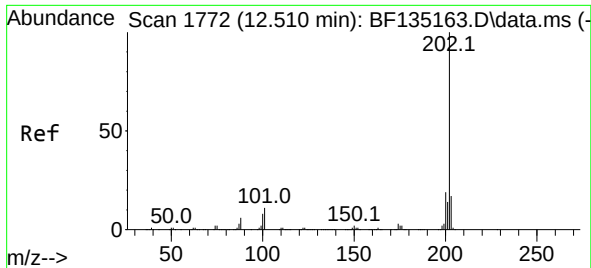


#74
 Di-n-butylphthalate
 Concen: 49.276 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: BF135727.D
 Acq: 12 Oct 2023 11:14



Tgt Ion:149 Resp: 1087557
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.9 3.6 5.4





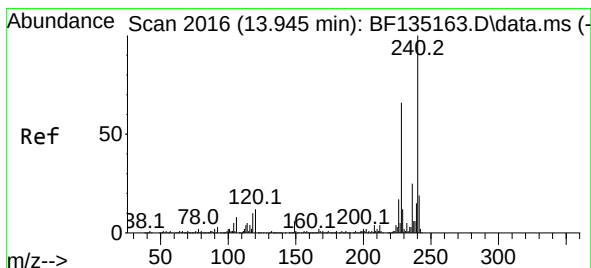
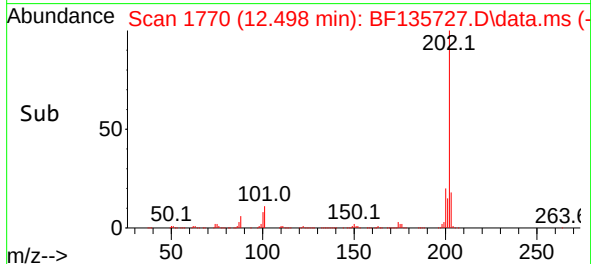
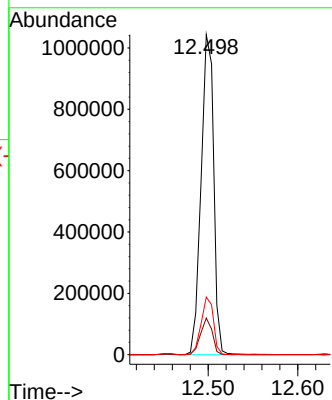
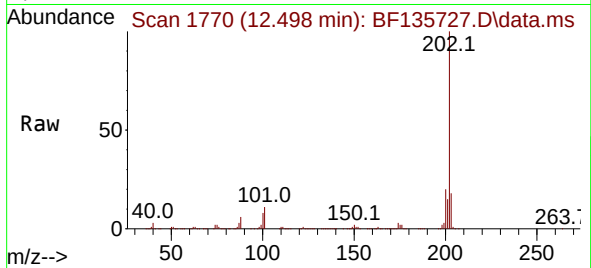
#75
Fluoranthene
Concen: 48.731 ng
RT: 12.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB156073BS

Tgt Ion:202 Resp: 101641
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.3
203 18.0 0.0 37.4

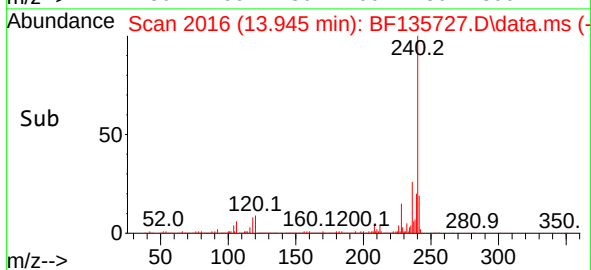
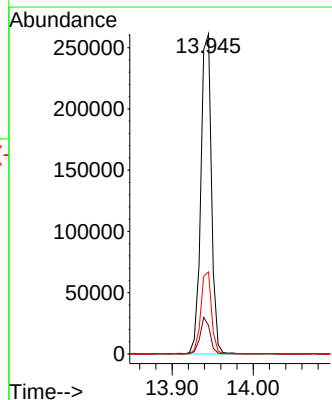
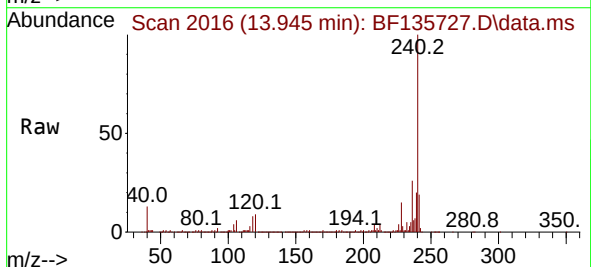
Manual Integrations
APPROVED

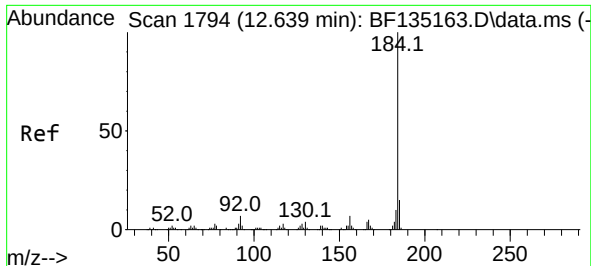
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

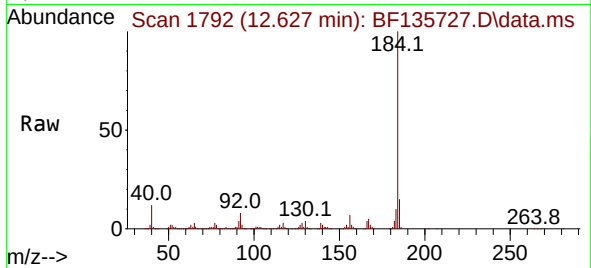
Tgt Ion:240 Resp: 238246
Ion Ratio Lower Upper
240 100
120 8.9 9.4 14.2#
236 25.7 19.8 29.8





#77
Benzidine
Concen: 60.552 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

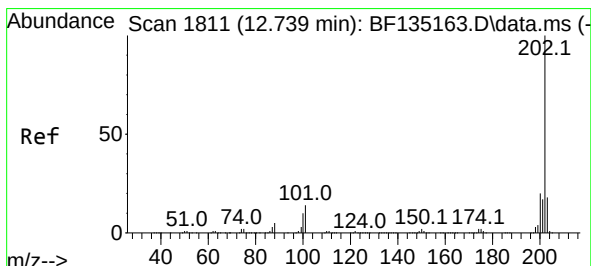
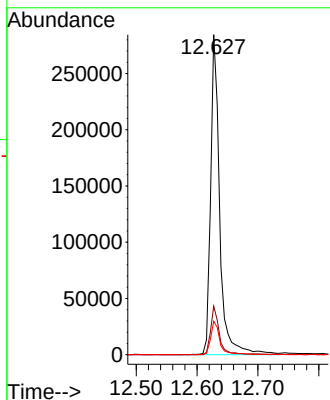
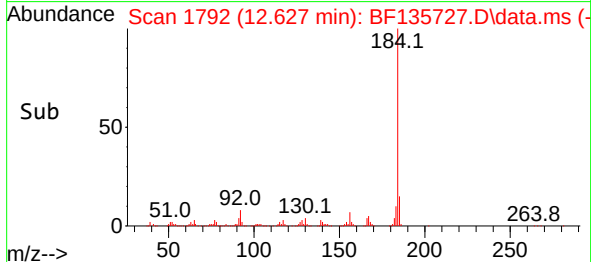
Instrument :
BNA_F
ClientSampleId :
PB156073BS



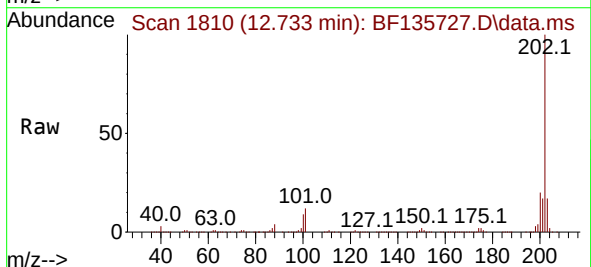
Tgt Ion:184 Resp: 295548
Ion Ratio Lower Upper
184 100
185 15.2 11.7 17.5
183 10.4 8.2 12.4

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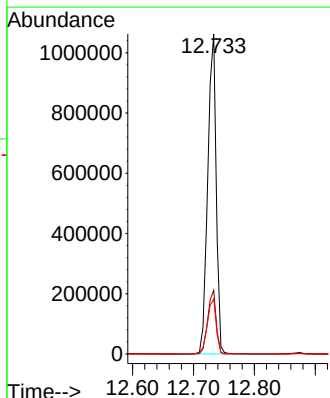
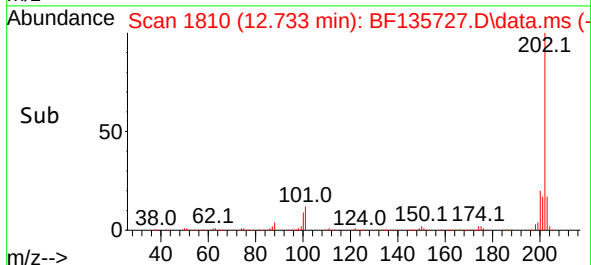
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

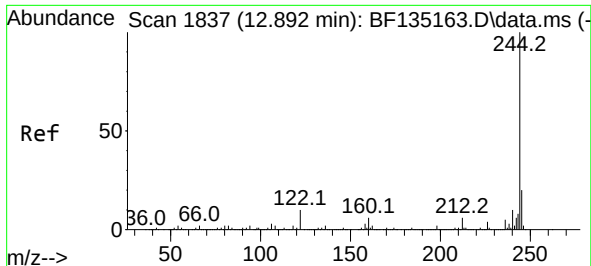


#78
Pyrene
Concen: 45.201 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14



Tgt Ion:202 Resp: 1025276
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.2 14.2 21.4





#79
Terphenyl-d14
Concen: 88.474 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

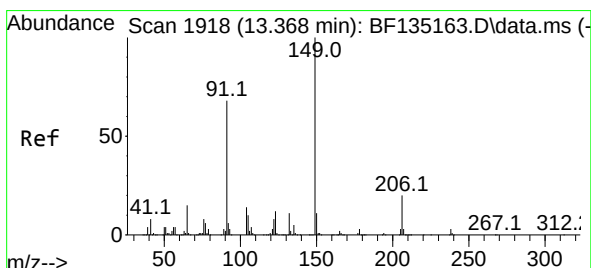
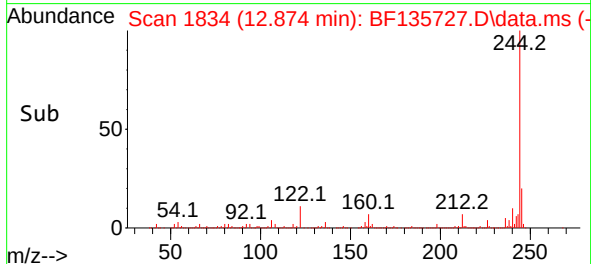
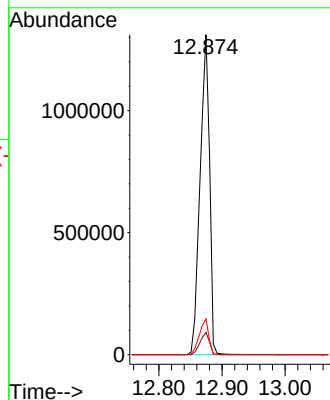
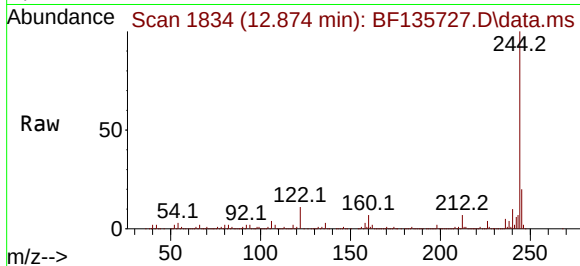
PB156073BS

Tgt Ion:244 Resp: 1359739
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 11.2 7.9 11.9

Manual Integrations

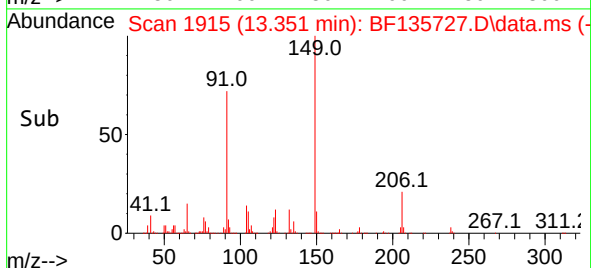
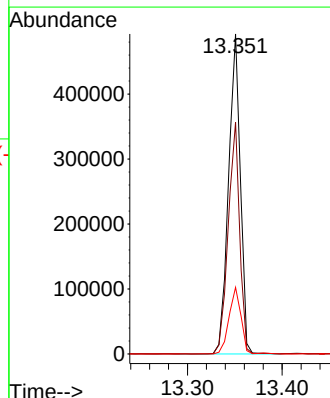
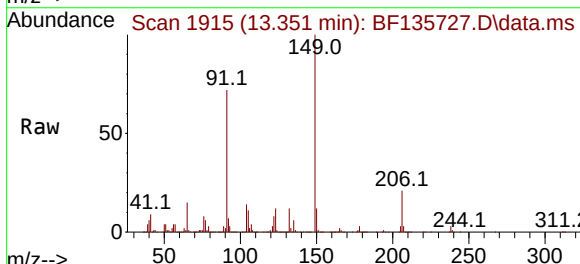
APPROVED

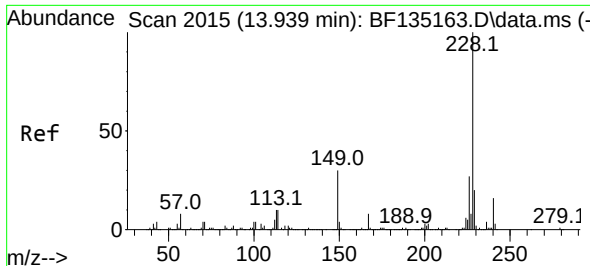
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#80
Butylbenzylphthalate
Concen: 53.603 ng
RT: 13.351 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion:149 Resp: 428087
Ion Ratio Lower Upper
149 100
91 72.5 54.7 82.1
206 20.8 16.3 24.5





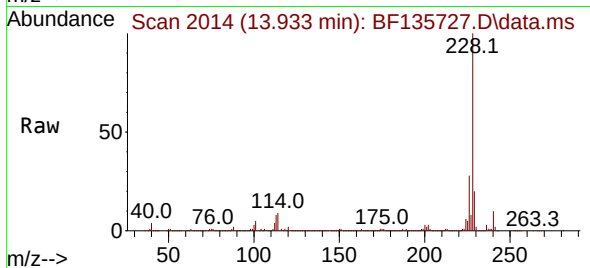
#81
Benzo(a)anthracene
Concen: 49.702 ng
RT: 13.933 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS

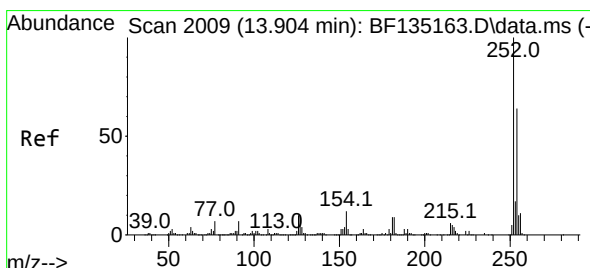
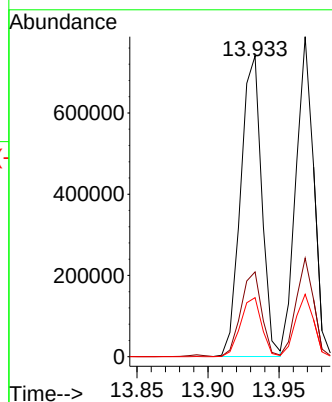
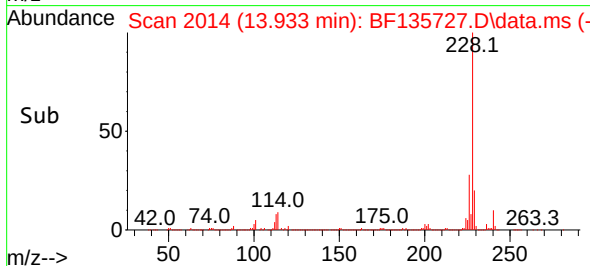


Tgt Ion:228 Resp: 76462
Ion Ratio Lower Upper
228 100
226 28.2 21.7 32.5
229 19.6 15.8 23.8

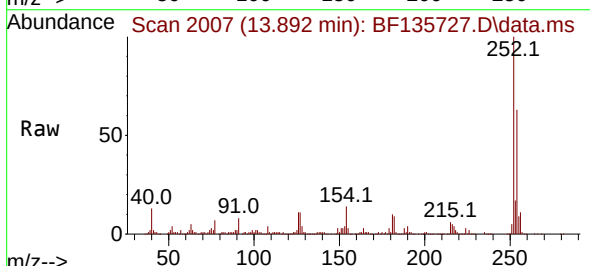
Manual Integrations

APPROVED

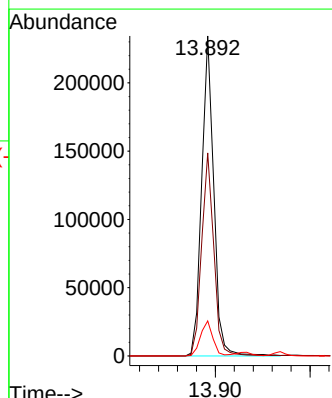
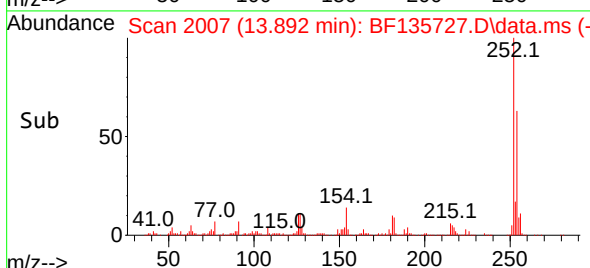
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

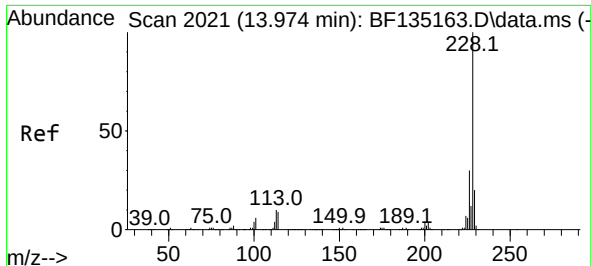


#82
3,3'-Dichlorobenzidine
Concen: 43.388 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14



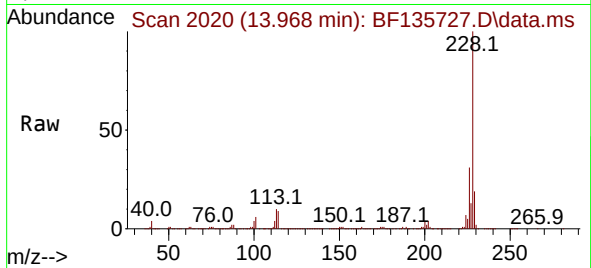
Tgt Ion:252 Resp: 208493
Ion Ratio Lower Upper
252 100
254 63.4 51.0 76.4
126 10.9 7.8 11.8





#83
Chrysene
Concen: 44.984 ng
RT: 13.968 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

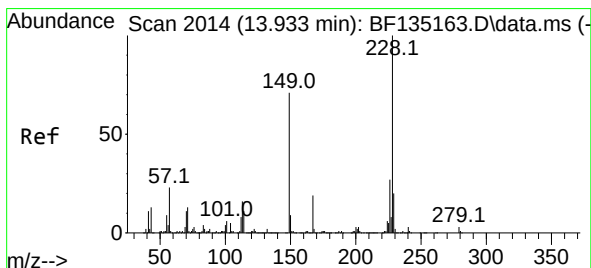
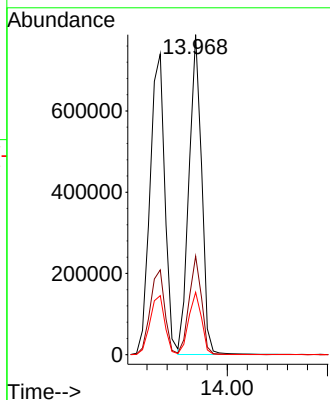
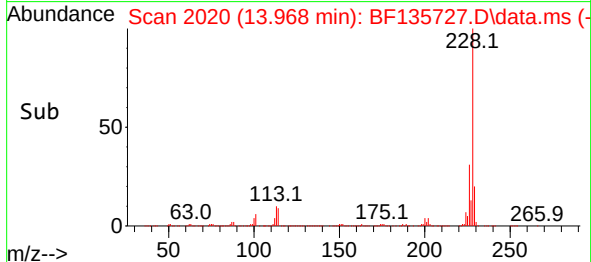
Instrument :
BNA_F
ClientSampleId :
PB156073BS



Tgt Ion:228 Resp: 688054
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 19.5 16.0 24.0

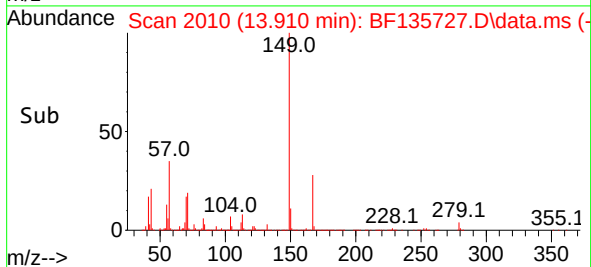
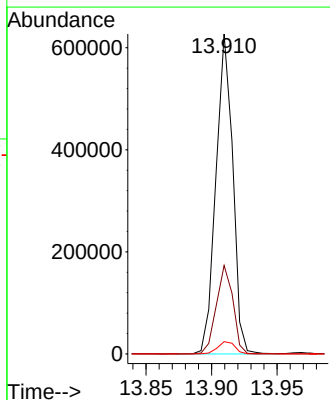
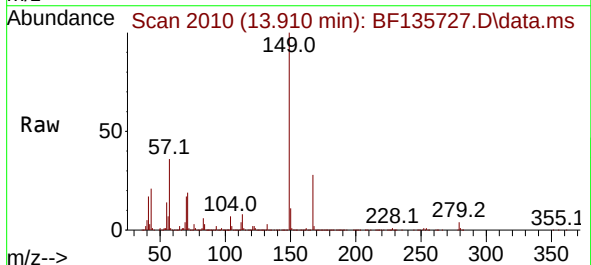
Manual Integrations
APPROVED

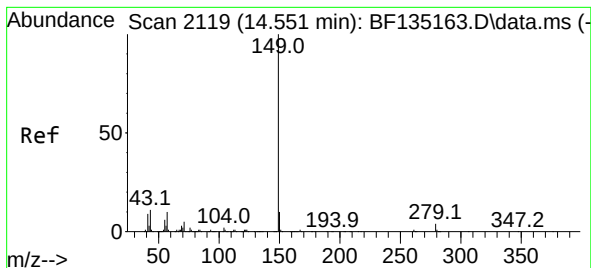
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 68.053 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion:149 Resp: 557712
Ion Ratio Lower Upper
149 100
167 27.7 21.9 32.9
279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 58.098 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS

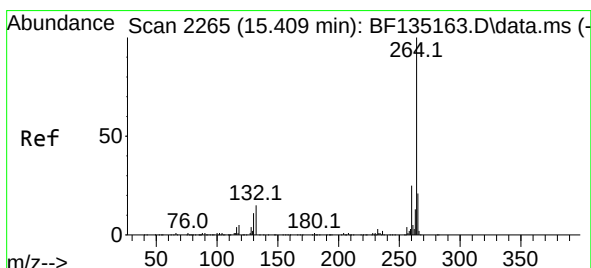
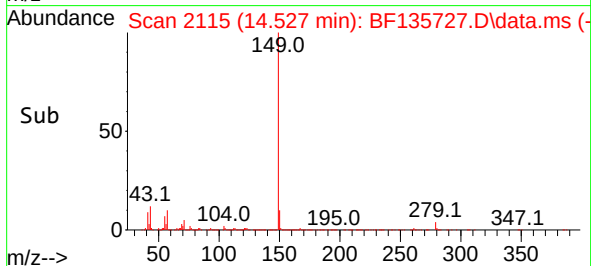
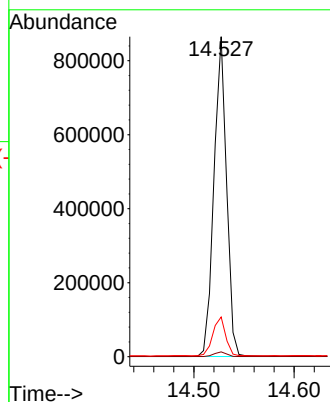
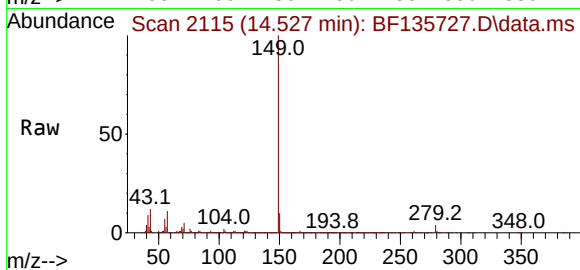
Tgt Ion:	149	Resp:	75665
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	12.2	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/13/2023

Supervised By :mohammad ahmed 10/13/2023



#86

Perylene-d12

Concen: 20.000 ng

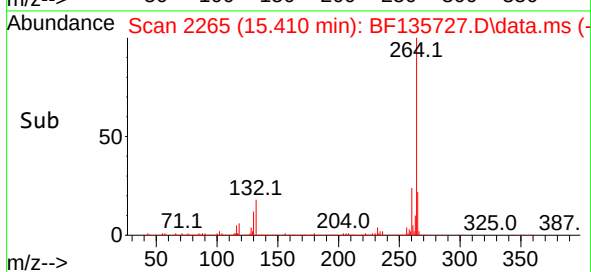
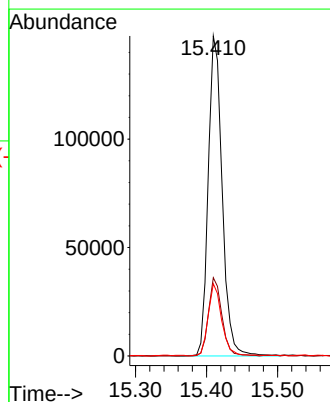
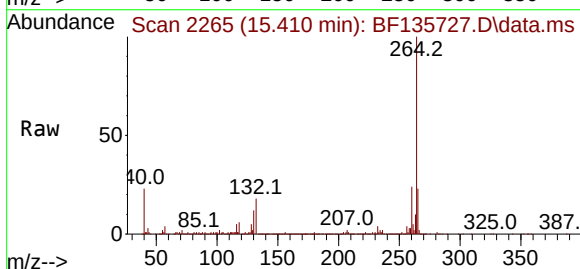
RT: 15.410 min Scan# 2265

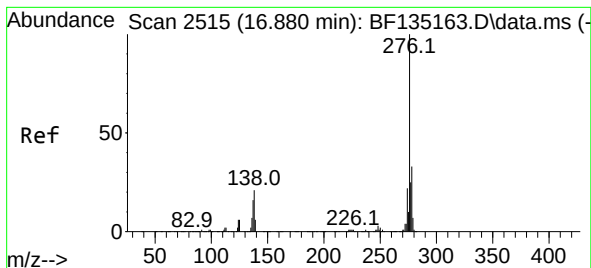
Delta R.T. 0.006 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Tgt Ion:	264	Resp:	202092
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.8	29.6
265	22.6	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.413 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.012 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

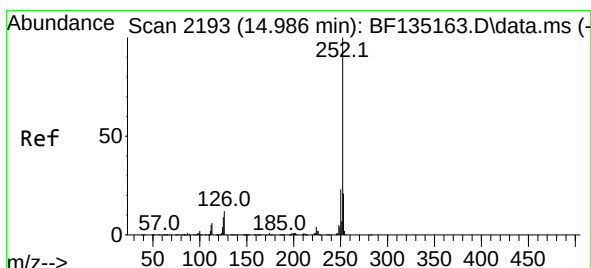
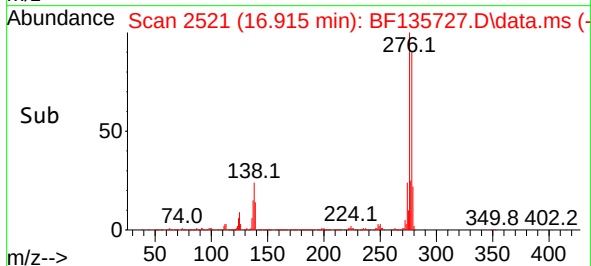
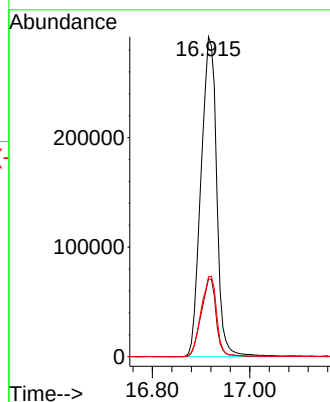
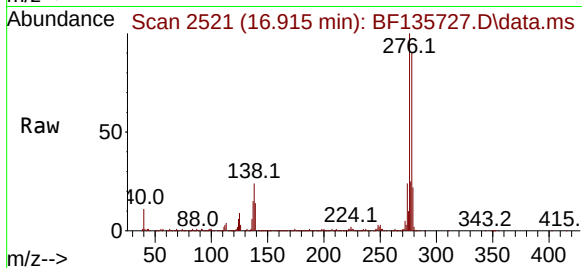
PB156073BS

Tgt Ion:276 Resp: 654750
 Ion Ratio Lower Upper
 276 100
 138 23.3 19.2 28.8
 277 24.9 19.7 29.5

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 51.810 ng

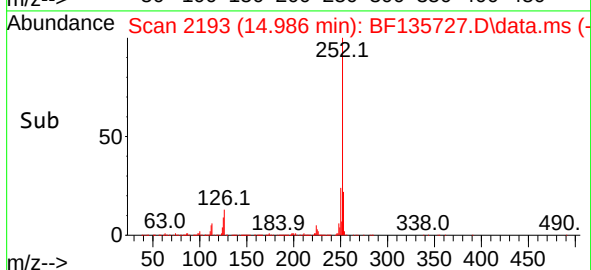
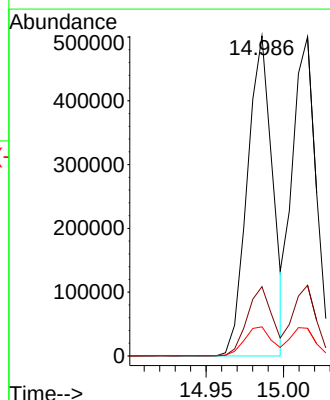
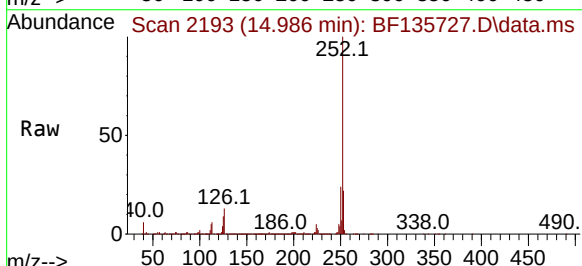
RT: 14.986 min Scan# 2193

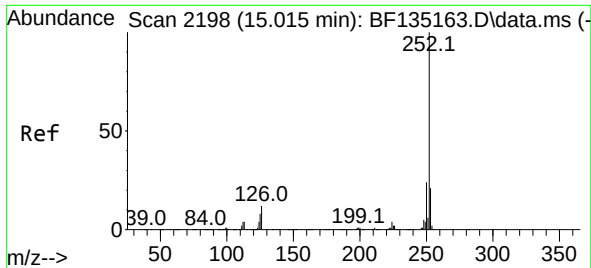
Delta R.T. 0.006 min

Lab File: BF135727.D

Acq: 12 Oct 2023 11:14

Tgt Ion:252 Resp: 566797
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 9.1 7.1 10.7





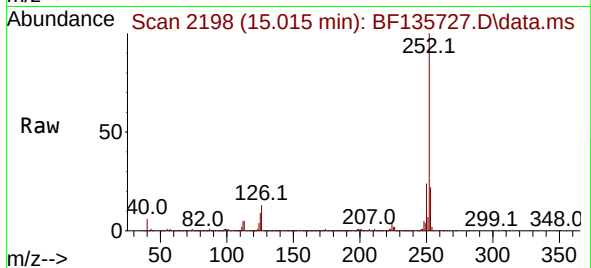
#89
Benzo(k)fluoranthene
Concen: 49.756 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.012 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156073BS



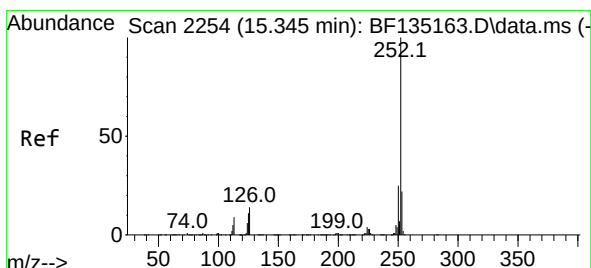
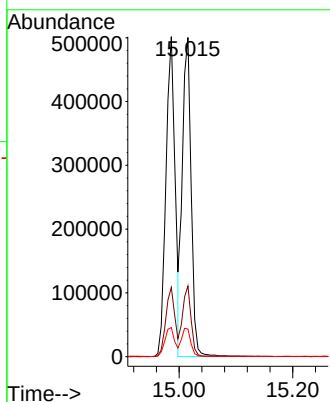
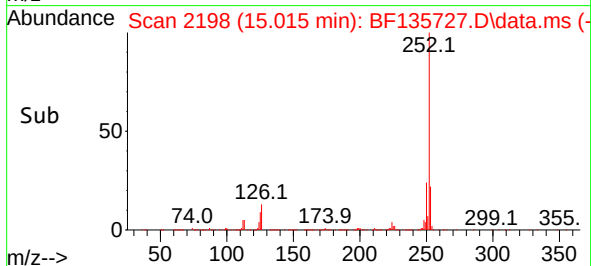
Tgt Ion:252 Resp: 537700
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 8.7 7.2 10.8

Manual Integrations

APPROVED

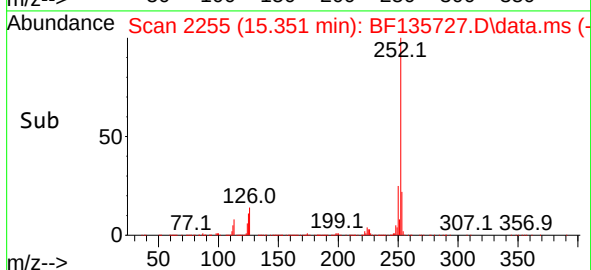
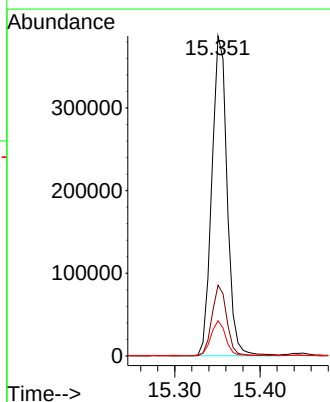
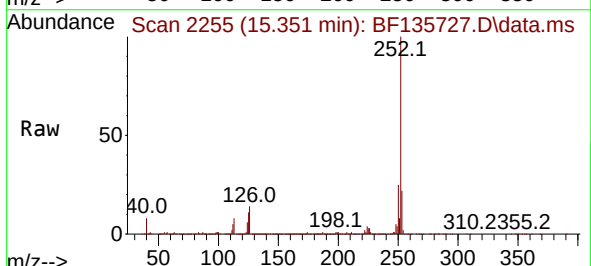
Reviewed By :Yogesh Patel 10/13/2023

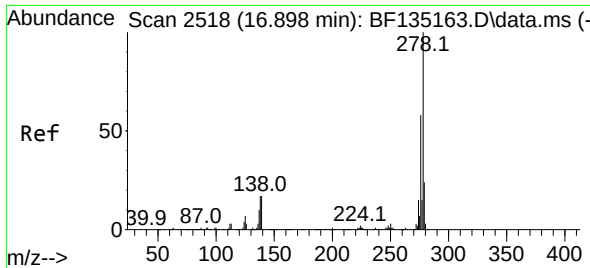
Supervised By :mohammad ahmed 10/13/2023



#90
Benzo(a)pyrene
Concen: 46.086 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion:252 Resp: 480805
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.0 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 49.566 ng
RT: 16.921 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Instrument :

BNA_F

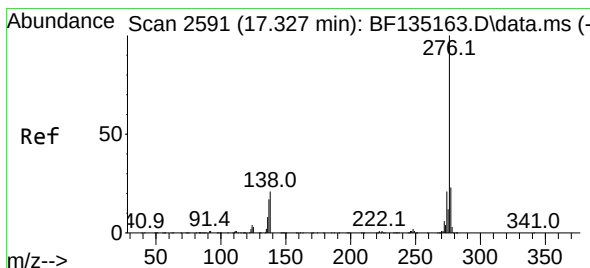
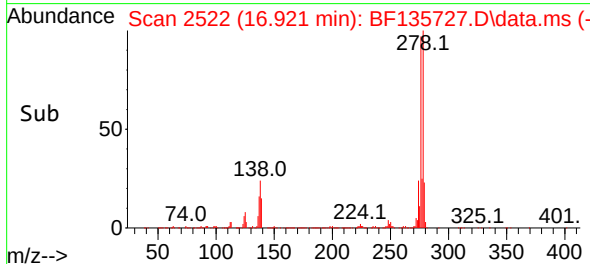
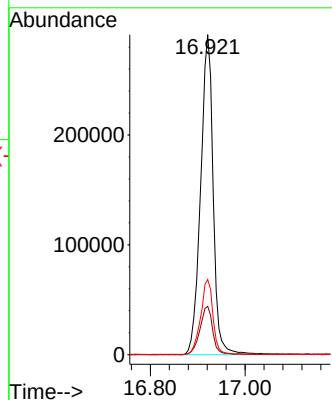
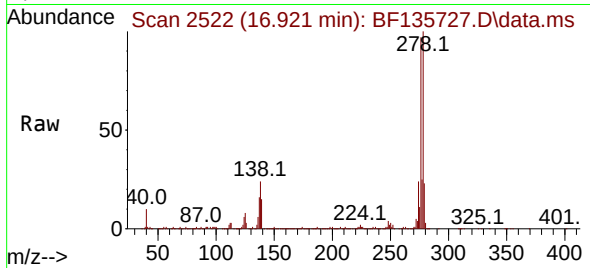
ClientSampleId :

PB156073BS

Tgt Ion:278 Resp: 53738
Ion Ratio Lower Upper
278 100
139 15.1 13.4 20.0
279 23.5 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 49.006 ng
RT: 17.368 min Scan# 2598
Delta R.T. 0.018 min
Lab File: BF135727.D
Acq: 12 Oct 2023 11:14

Tgt Ion:276 Resp: 554882
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.8 16.9 25.3

