

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
 Data File : BF135906.D
 Acq On : 20 Oct 2023 13:59
 Operator : CG\JU
 Sample : PB156209BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156209BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 20 23:18:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	96597	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	391917	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	179364	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	338414	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	219595	20.000	ng	-0.01
86) Perylene-d12	15.409	264	188631	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	693371	115.404	ng	0.00
7) Phenol-d6	6.398	99	831151	110.870	ng	0.00
23) Nitrobenzene-d5	7.310	82	554215	77.775	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	227022	131.902	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1005897	87.684	ng	0.00
79) Terphenyl-d14	12.868	244	1056184	89.071	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	100177	34.567	ng	97
3) Pyridine	3.328	79	193572	27.223	ng	99
4) n-Nitrosodimethylamine	3.269	42	152710	39.936	ng	98
6) Aniline	6.404	93	263219	27.901	ng	# 78
8) 2-Chlorophenol	6.528	128	280078	43.228	ng	99
9) Benzaldehyde	6.298	77	49448	11.589	ng	98
10) Phenol	6.410	94	319213	40.638	ng	# 81
11) bis(2-Chloroethyl)ether	6.475	93	257281	40.650	ng	96
12) 1,3-Dichlorobenzene	6.675	146	273922	41.703	ng	97
13) 1,4-Dichlorobenzene	6.751	146	279891	42.063	ng	99
14) 1,2-Dichlorobenzene	6.904	146	257271	42.941	ng	98
15) Benzyl Alcohol	6.892	79	222422	44.622	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	469422	41.009	ng	62
17) 2-Methylphenol	7.010	107	215657	38.449	ng	96
18) Hexachloroethane	7.234	117	108799	45.096	ng	92
19) n-Nitroso-di-n-propyla...	7.157	70	186006	40.129	ng	100
20) 3+4-Methylphenols	7.163	107	279261	39.938	ng	93
22) Acetophenone	7.151	105	377524	42.002	ng	# 97
24) Nitrobenzene	7.328	77	296961	41.523	ng	99
25) Isophorone	7.563	82	553972	41.208	ng	98
26) 2-Nitrophenol	7.639	139	152391	43.663	ng	98
27) 2,4-Dimethylphenol	7.686	122	232015	40.381	ng	97
28) bis(2-Chloroethoxy)met...	7.769	93	335354	41.888	ng	99
29) 2,4-Dichlorophenol	7.886	162	232592	43.198	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	239077	43.413	ng	99
31) Naphthalene	8.039	128	788825	41.265	ng	99
32) Benzoic acid	7.851	122	140613	36.155	ng	92
33) 4-Chloroaniline	8.098	127	168192	20.142	ng	99
34) Hexachlorobutadiene	8.145	225	142084	43.589	ng	97
35) Caprolactam	8.486	113	73318m	39.832	ng	
36) 4-Chloro-3-methylphenol	8.598	107	248303	41.584	ng	98
37) 2-Methylnaphthalene	8.728	142	489653	38.878	ng	100
38) 1-Methylnaphthalene	8.828	142	466790	40.184	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	244740	47.435	ng	99
41) Hexachlorocyclopentadiene	8.875	237	82864	78.761	ng	96
43) 2,4,6-Trichlorophenol	9.022	196	160074	48.145	ng	100

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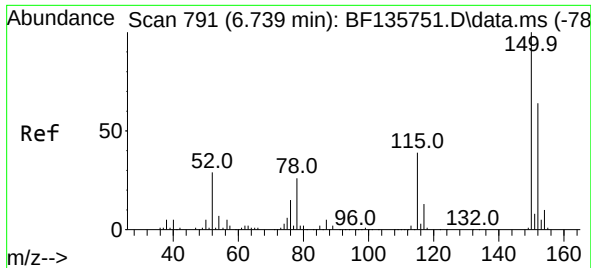
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 17 01:22:00 2023

Response via : Initial Calibration

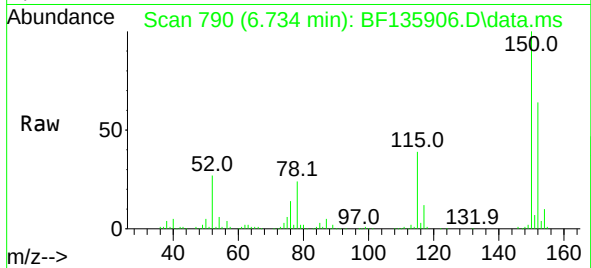
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	162309	41.972	ng	99
46) 1,1'-Biphenyl	9.198	154	652522	47.492	ng	98
47) 2-Chloronaphthalene	9.222	162	482538	48.731	ng	99
48) 2-Nitroaniline	9.333	65	175915	45.008	ng	98
49) Acenaphthylene	9.639	152	724169	44.192	ng	99
50) Dimethylphthalate	9.504	163	558196	46.100	ng	99
51) 2,6-Dinitrotoluene	9.580	165	120534	46.291	ng	97
52) Acenaphthene	9.810	154	410946	41.840	ng	99
53) 3-Nitroaniline	9.751	138	101564	31.819	ng	95
54) 2,4-Dinitrophenol	9.880	184	99415	91.466	ng	95
55) Dibenzofuran	9.986	168	718151	48.458	ng	98
56) 4-Nitrophenol	9.945	139	100921	69.762	ng	96
57) 2,4-Dinitrotoluene	9.998	165	175155	52.875	ng	92
58) Fluorene	10.327	166	499689	43.069	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	133663	45.737	ng	97
60) Diethylphthalate	10.210	149	518937	41.981	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	238968	42.616	ng	98
62) 4-Nitroaniline	10.380	138	120926	41.176	ng	96
63) Azobenzene	10.480	77	493003	41.051	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	75251	44.184	ng	84
66) n-Nitrosodiphenylamine	10.445	169	441387	42.792	ng	100
67) 4-Bromophenyl-phenylether	10.810	248	153913	45.307	ng	98
68) Hexachlorobenzene	10.880	284	159397	46.087	ng	99
69) Atrazine	10.980	200	139715	49.798	ng	97
70) Pentachlorophenol	11.086	266	101777	74.611	ng	98
71) Phenanthrene	11.298	178	701906	43.296	ng	99
72) Anthracene	11.351	178	717910	42.735	ng	100
73) Carbazole	11.516	167	724111	46.218	ng	99
74) Di-n-butylphthalate	11.833	149	850607	44.219	ng	99
75) Fluoranthene	12.492	202	803808	44.674	ng	98
77) Benzidine	12.621	184	132409	27.633	ng	98
78) Pyrene	12.727	202	794131	45.508	ng	98
80) Butylbenzylphthalate	13.345	149	347129	45.268	ng	95
81) Benzo(a)anthracene	13.927	228	643800	44.634	ng	100
82) 3,3'-Dichlorobenzidine	13.886	252	161895	33.843	ng	97
83) Chrysene	13.962	228	592996	42.446	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	475483	45.750	ng	99
85) Di-n-octyl phthalate	14.521	149	723105	43.877	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	535077	52.060	ng	98
88) Benzo(b)fluoranthene	14.980	252	544436	51.571	ng	98
89) Benzo(k)fluoranthene	15.009	252	447595	43.671	ng	99
90) Benzo(a)pyrene	15.351	252	420472	42.356	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	442495	52.517	ng	98
92) Benzo(g,h,i)perylene	17.368	276	430717	49.765	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

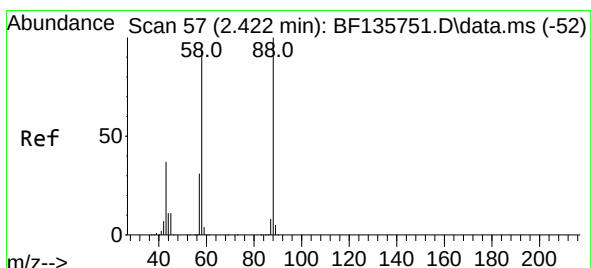
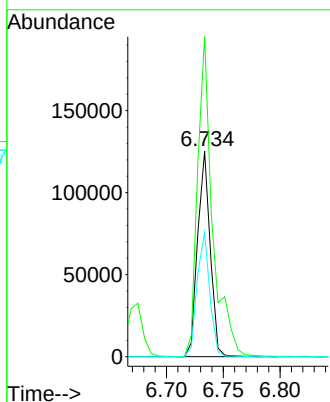
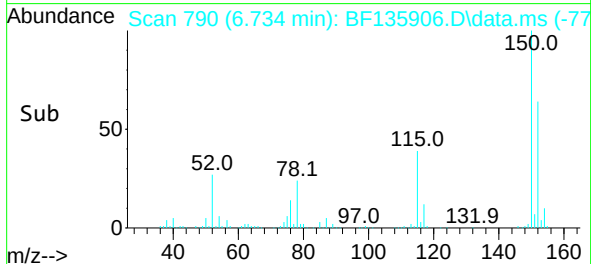
Instrument :
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PB156209BS



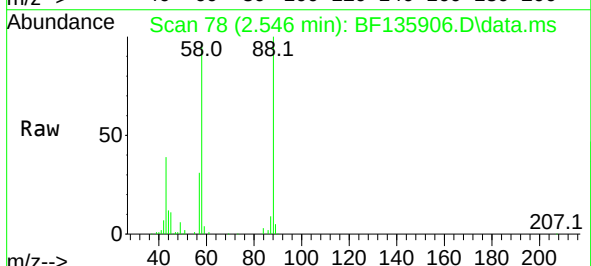
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Ion Ratio Lower Upper
152 100
150 155.8 124.5 186.7
115 60.5 49.0 73.4

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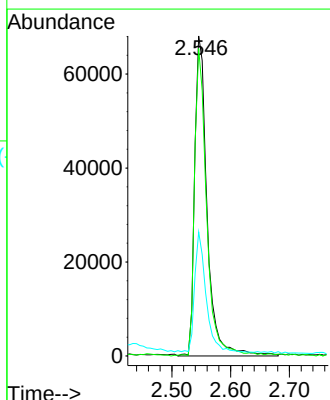
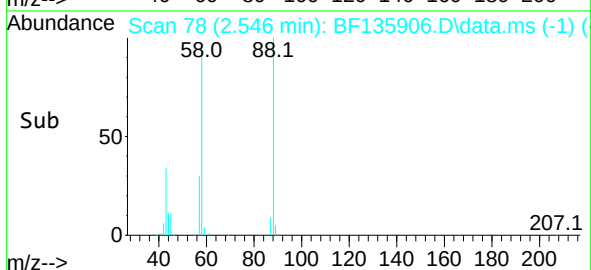
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023

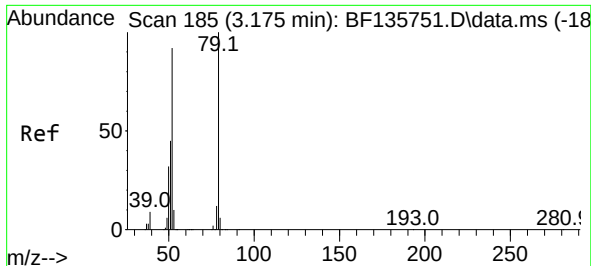


#2
1,4-Dioxane
Concen: 34.567 ng
RT: 2.546 min Scan# 78
Delta R.T. 0.106 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59



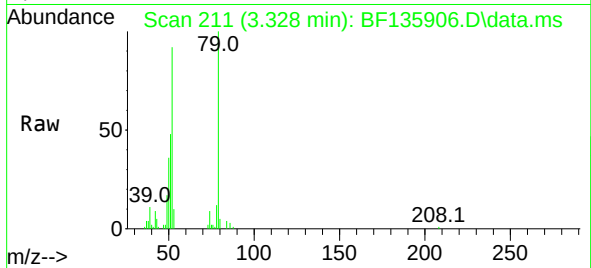
Tgt Ion: 88 Resp: 100177
Ion Ratio Lower Upper
88 100
58 92.5 76.1 114.1
43 34.2 29.8 44.8





#3
Pyridine
Concen: 27.223 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.141 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

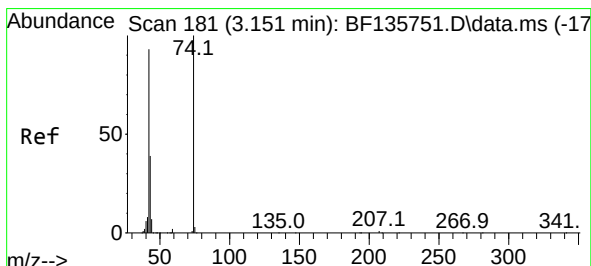
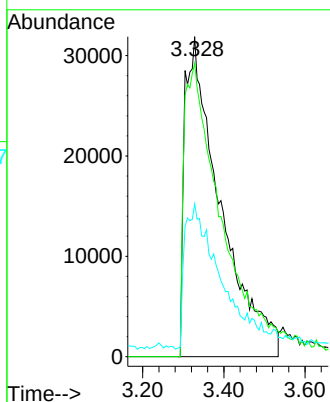
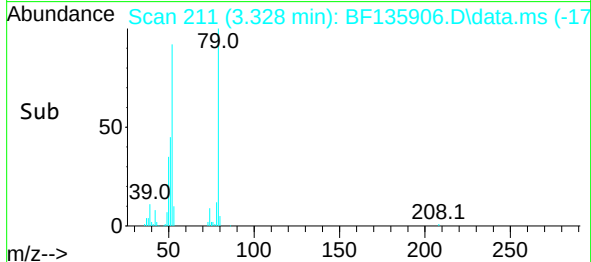
Instrument :
BNA_F
ClientSampleId :
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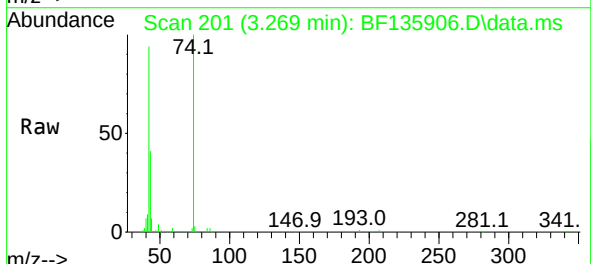
Tgt Ion: 79 Resp: 193572
Ion Ratio Lower Upper
79 100
52 91.7 73.4 110.2
51 47.8 36.5 54.7

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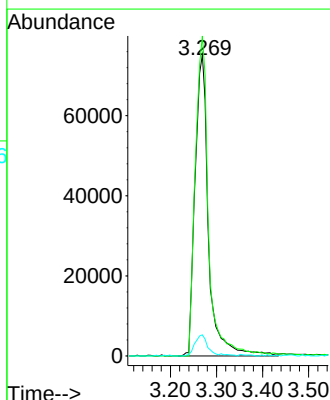
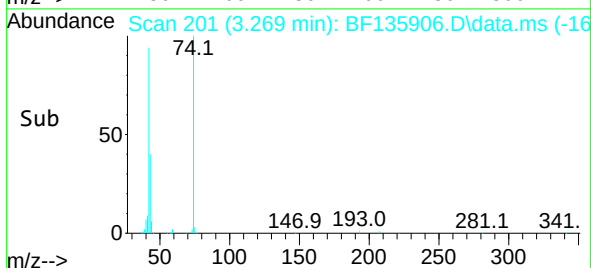
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023

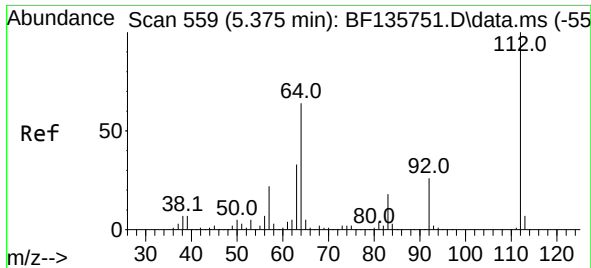


#4
n-Nitrosodimethylamine
Concen: 39.936 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.100 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59



Tgt Ion: 42 Resp: 152710
Ion Ratio Lower Upper
42 100
74 106.3 86.5 129.7
44 7.0 5.9 8.9





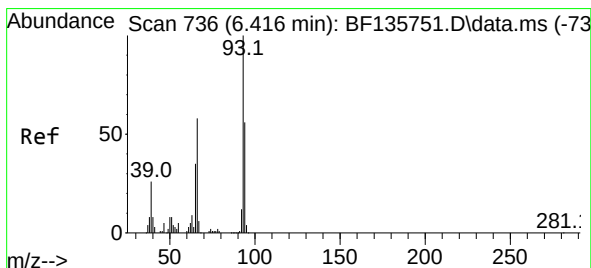
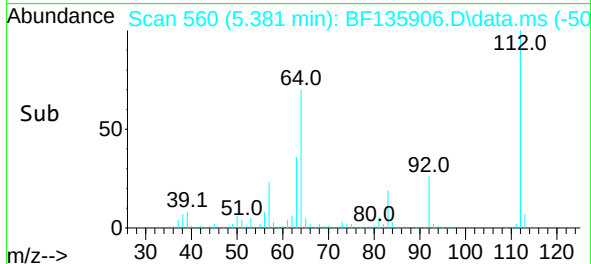
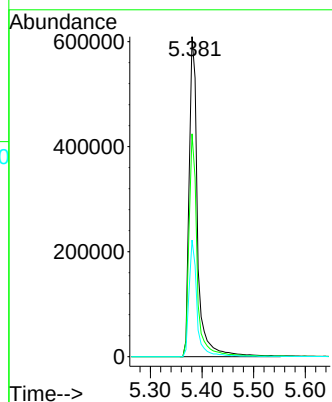
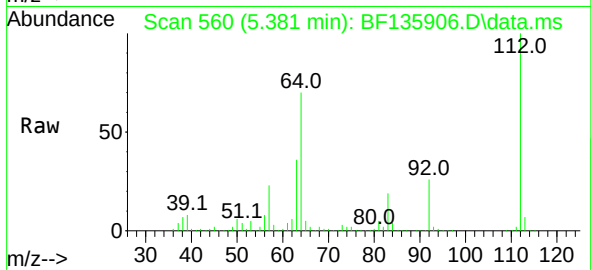
#5
2-Fluorophenol
Concen: 115.404 ng
RT: 5.381 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :
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ClientSampleId :
PB156209BS

Tgt Ion:112 Resp: 69337
Ion Ratio Lower Upper
112 100
64 69.7 51.2 76.8
63 36.4 26.1 39.1

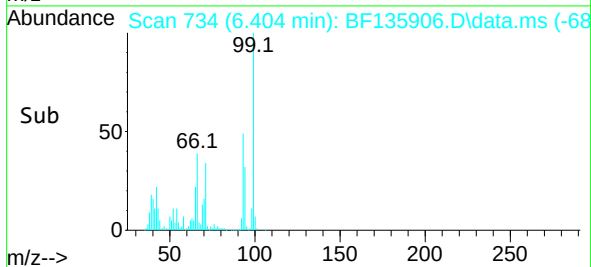
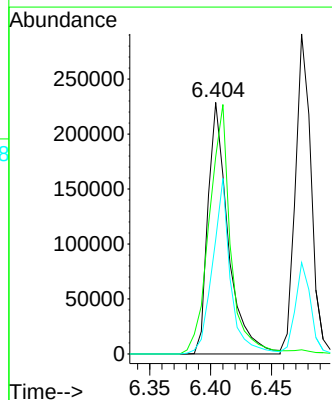
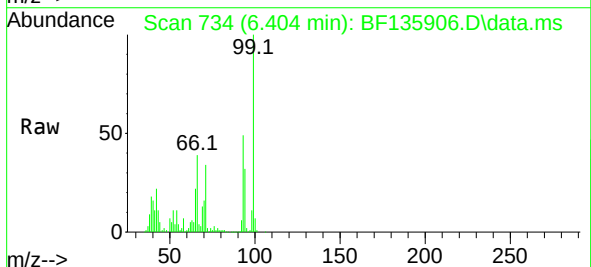
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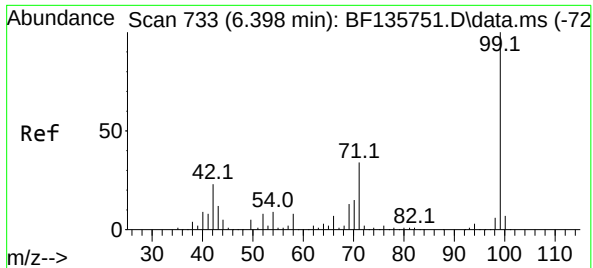
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023



#6
Aniline
Concen: 27.901 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

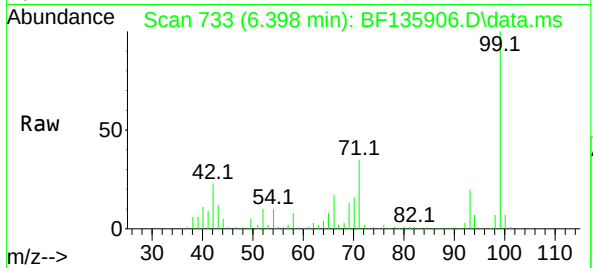
Tgt Ion: 93 Resp: 263219
Ion Ratio Lower Upper
93 100
66 78.4 47.6 71.4#
65 45.5 28.5 42.7#





#7
Phenol-d6
Concen: 110.870 ng
RT: 6.398 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

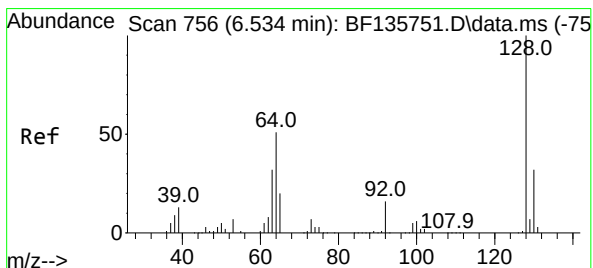
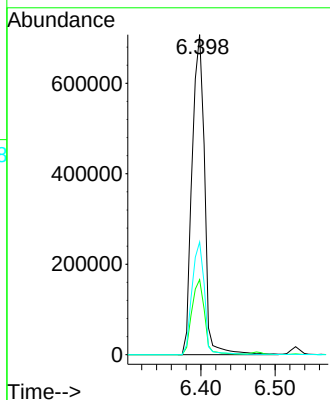
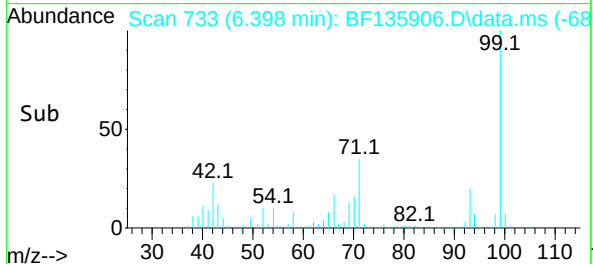
Instrument :
BNA_F
ClientSampleId :
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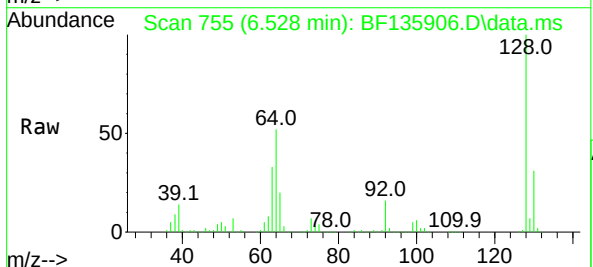
Tgt Ion: 99 Resp: 83115
Ion Ratio Lower Upper
99 100
42 23.5 18.4 27.6
71 35.2 27.2 40.8

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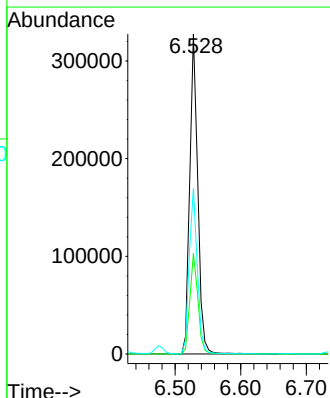
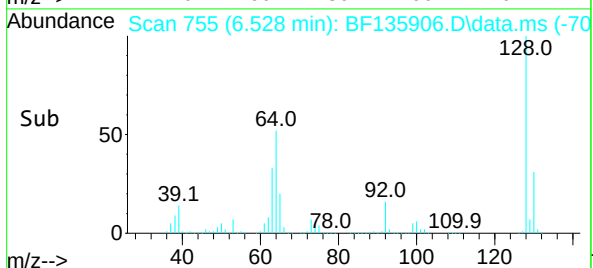
Reviewed By :Yogesh Patel 10/21/2023
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ahmed 10/21/2023

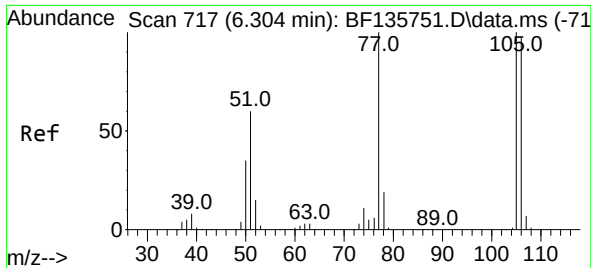


#8
2-Chlorophenol
Concen: 43.228 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59



Tgt Ion:128 Resp: 280078
Ion Ratio Lower Upper
128 100
130 31.4 12.4 52.4
64 51.9 32.3 72.3





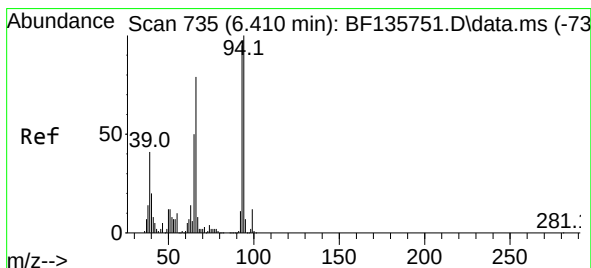
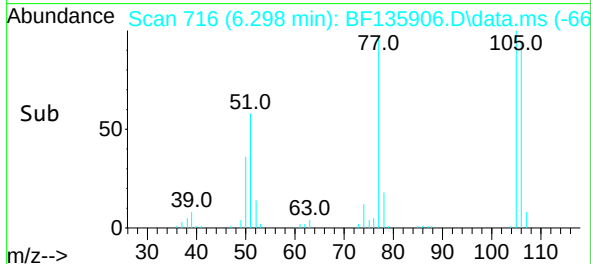
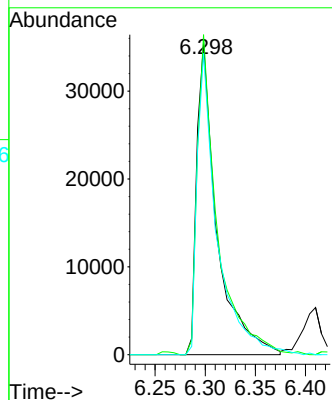
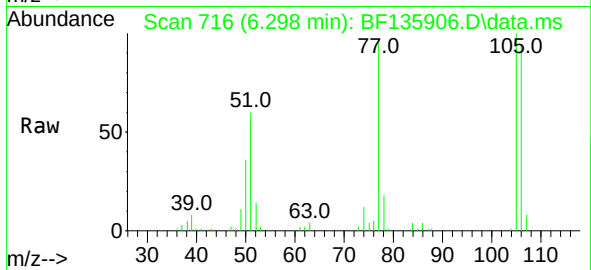
#9
Benzaldehyde
Concen: 11.589 ng
RT: 6.298 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :
BNA_F
ClientSampleId :
PB156209BS

Tgt Ion: 77 Resp: 4944
Ion Ratio Lower Upper
77 100
105 102.6 79.9 119.9
106 96.6 77.1 117.1

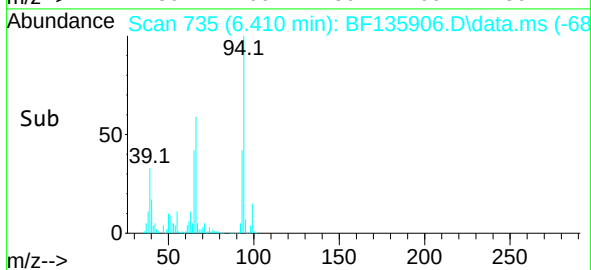
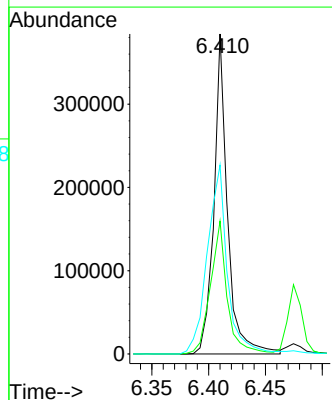
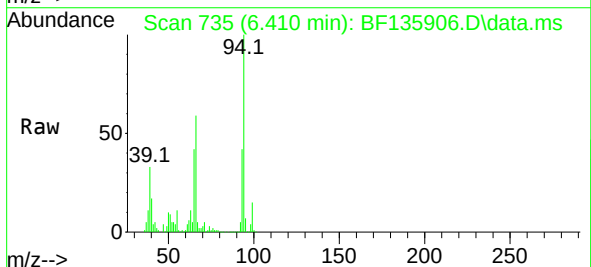
Manual Integrations
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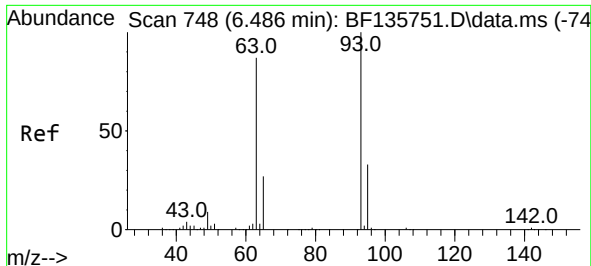
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023



#10
Phenol
Concen: 40.638 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

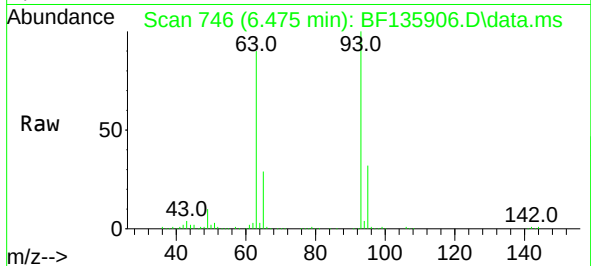
Tgt Ion: 94 Resp: 319213
Ion Ratio Lower Upper
94 100
65 41.6 30.3 70.3
66 59.0 59.1 99.1#





#11
bis(2-Chloroethyl)ether
Concen: 40.650 ng
RT: 6.475 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

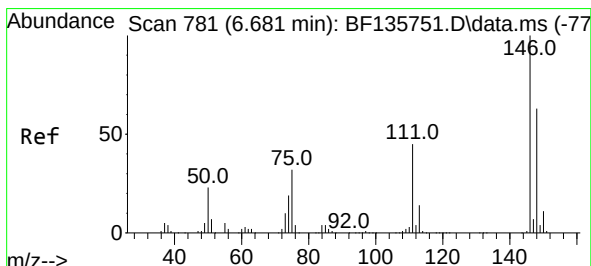
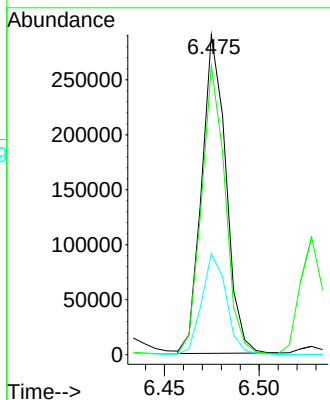
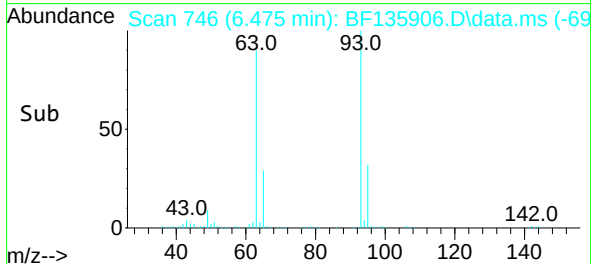
Instrument :
BNA_F
ClientSampleId :
PB156209BS



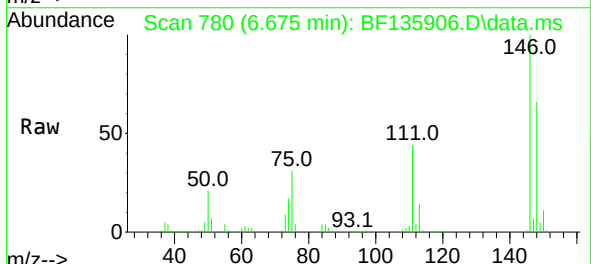
Tgt Ion: 93 Resp: 25728
Ion Ratio Lower Upper
93 100
63 90.3 66.3 106.3
95 31.6 12.8 52.8

Manual Integrations
APPROVED

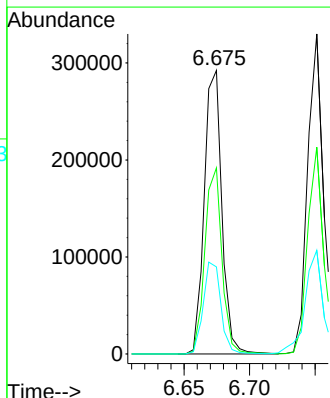
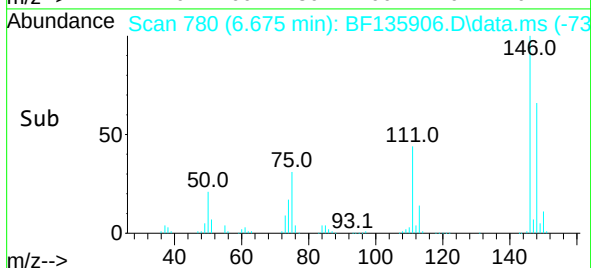
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023

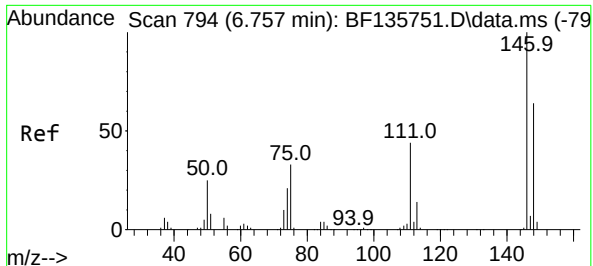


#12
1,3-Dichlorobenzene
Concen: 41.703 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59



Tgt Ion:146 Resp: 273922
Ion Ratio Lower Upper
146 100
148 65.6 50.2 75.4
75 30.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 42.063 ng

RT: 6.751 min Scan# 794

Delta R.T. -0.006 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS

Tgt Ion:146 Resp: 27989

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

111 43.5 35.2 52.8

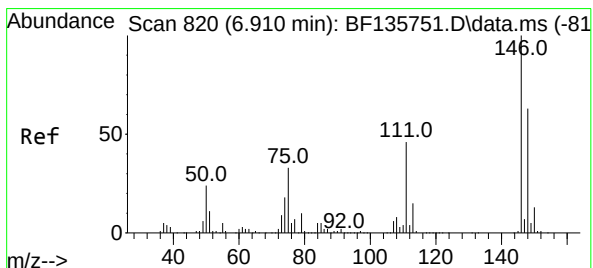
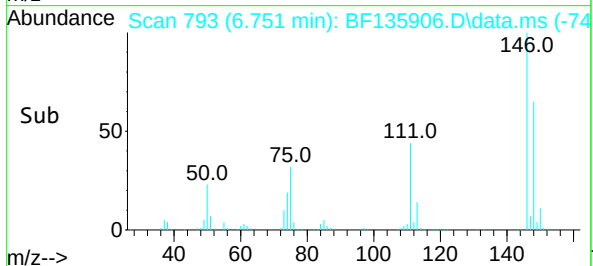
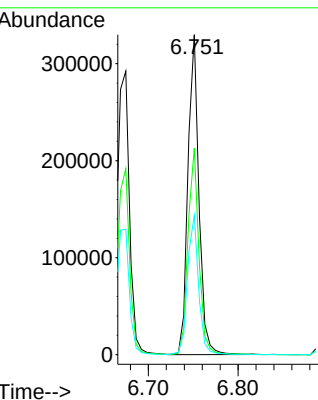
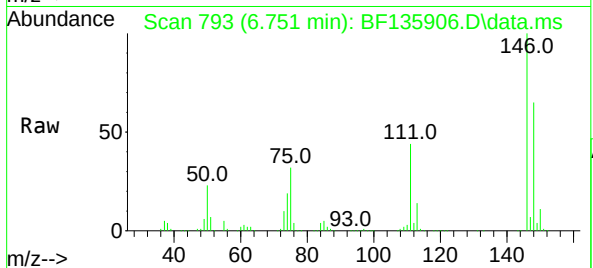
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad

ahmed 10/21/2023



#14

1,2-Dichlorobenzene

Concen: 42.941 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

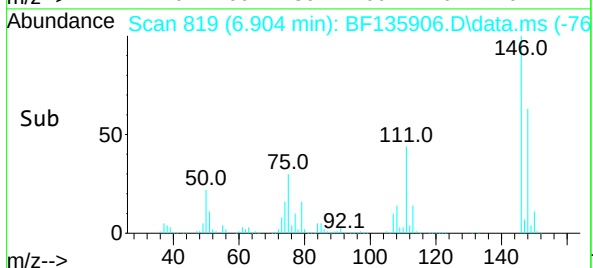
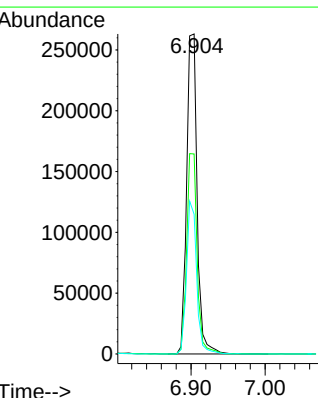
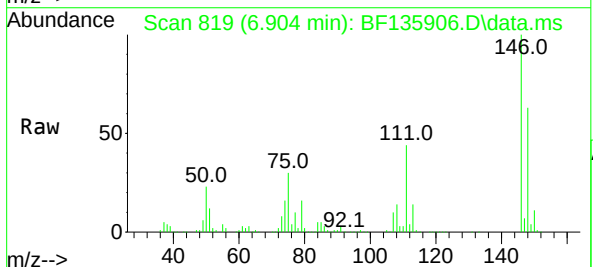
Tgt Ion:146 Resp: 257271

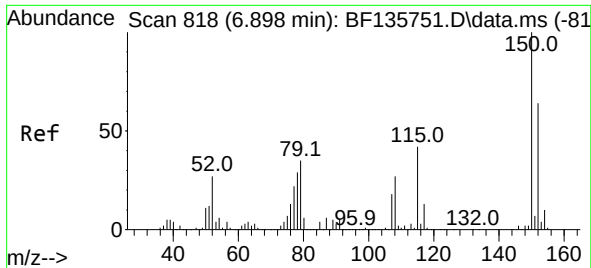
Ion Ratio Lower Upper

146 100

148 62.5 50.2 75.2

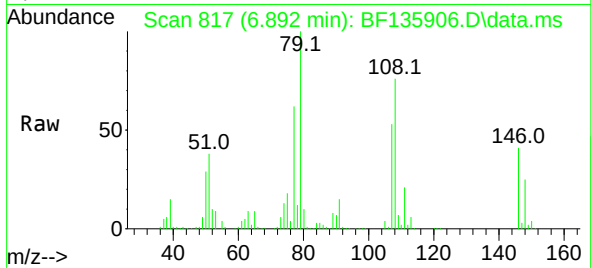
111 43.7 37.1 55.7





#15
Benzyl Alcohol
Concen: 44.622 ng
RT: 6.892 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

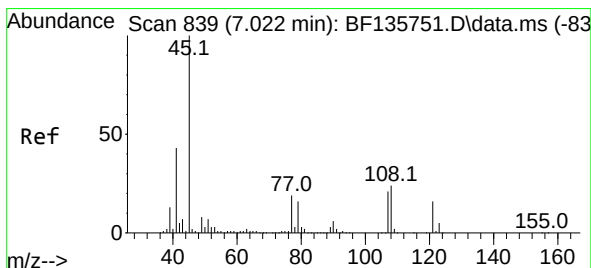
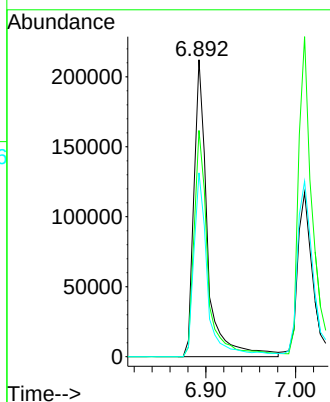
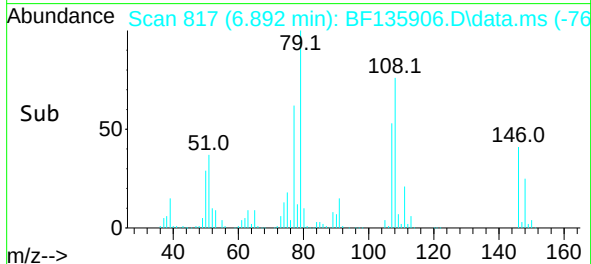
Instrument :
BNA_F
ClientSampleId :
PB156209BS



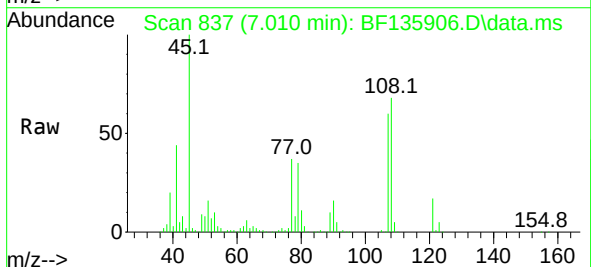
Tgt Ion: 79 Resp: 222422
Ion Ratio Lower Upper
79 100
108 76.2 62.0 93.0
77 61.9 50.5 75.7

Manual Integrations
APPROVED

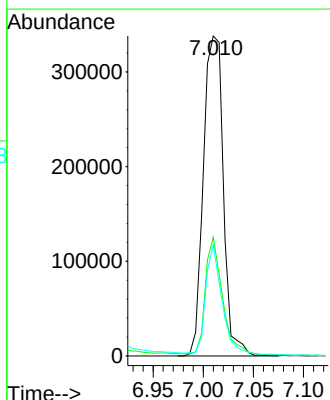
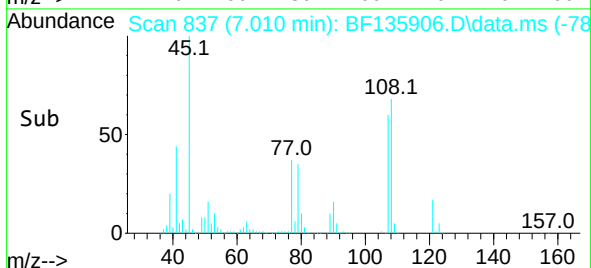
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023

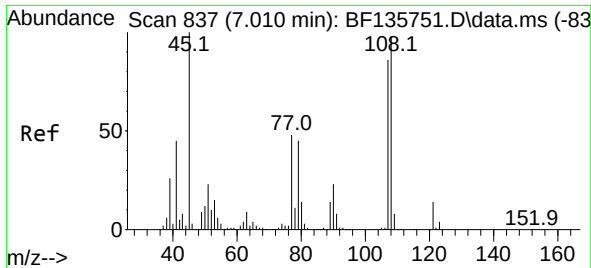


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.009 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59



Tgt Ion: 45 Resp: 469422
Ion Ratio Lower Upper
45 100
77 37.1 0.0 39.8
79 34.7 0.0 37.6





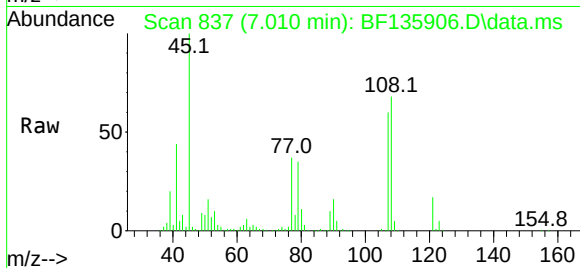
#17
2-Methylphenol
Concen: 38.449 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS



Tgt Ion:107 Resp: 21565
Ion Ratio Lower Upper
107 100
108 112.4 91.8 137.6
77 61.7 45.4 68.0
79 57.7 42.8 64.2

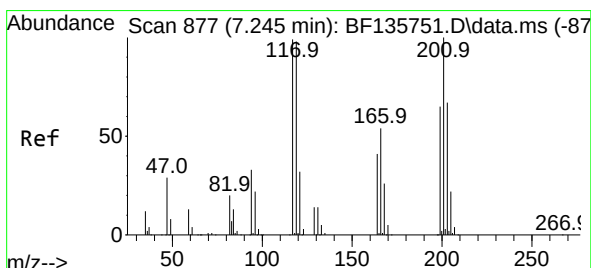
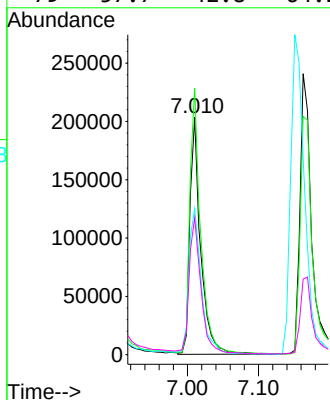
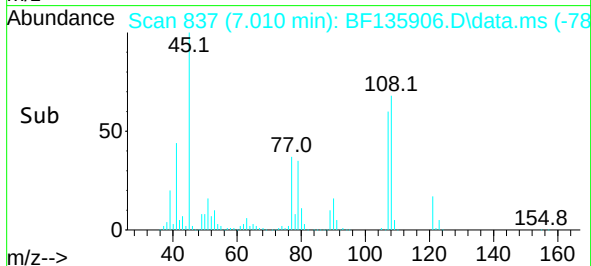
Manual Integrations

APPROVED

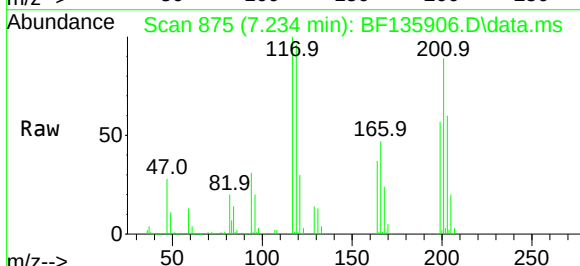
Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad

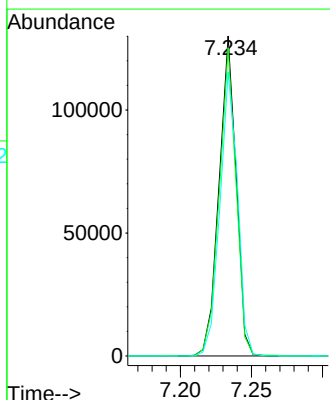
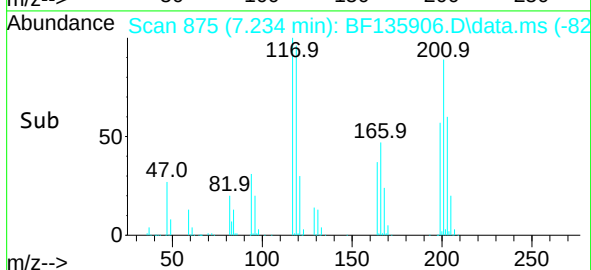
ahmed 10/21/2023

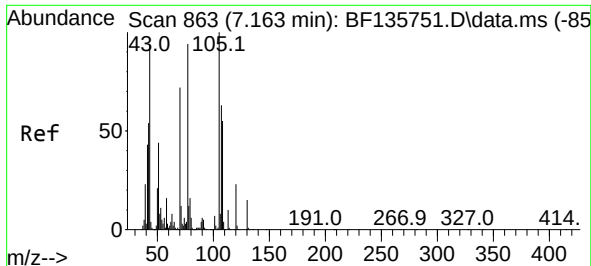


#18
Hexachloroethane
Concen: 45.096 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59



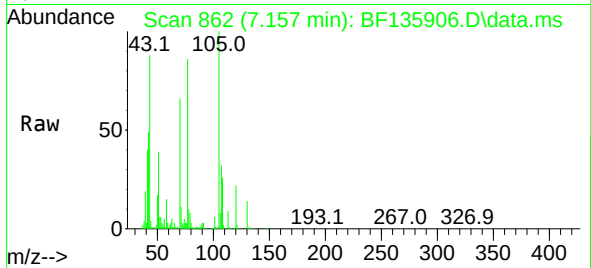
Tgt Ion:117 Resp: 108799
Ion Ratio Lower Upper
117 100
119 96.4 79.5 119.3
201 88.7 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 40.129 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

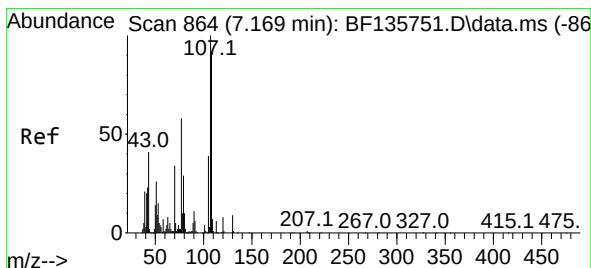
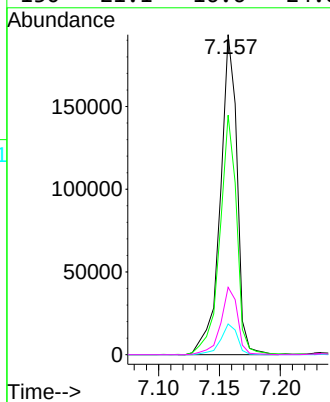
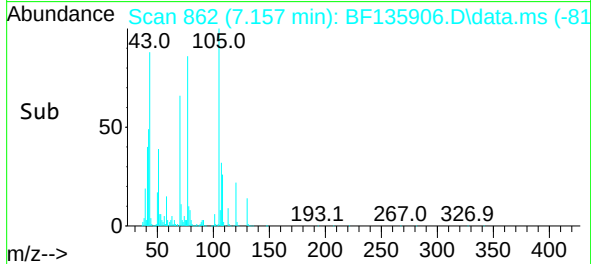
Instrument :
BNA_F
ClientSampleId :
PB156209BS



Tgt Ion: 70 Resp: 186000
Ion Ratio Lower Upper
70 100
42 74.9 59.8 89.6
101 9.6 7.4 11.2
130 21.1 16.6 24.8

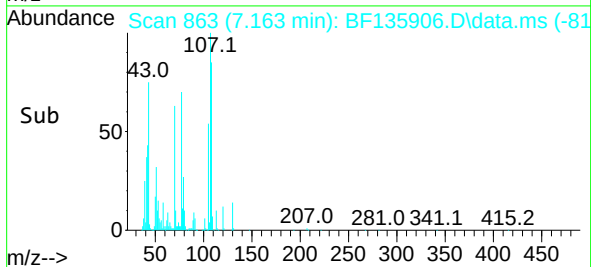
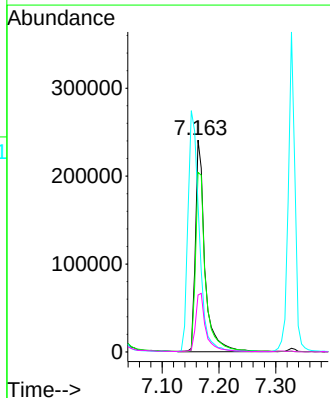
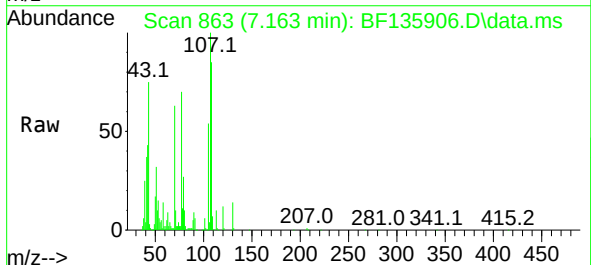
Manual Integrations
APPROVED

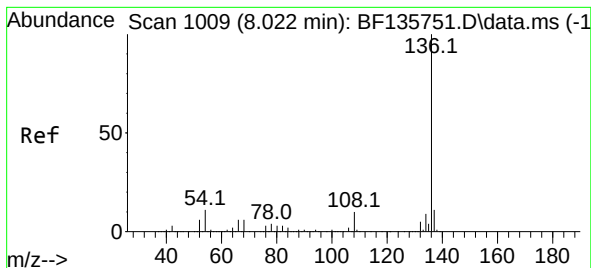
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023



#20
3+4-Methylphenols
Concen: 39.938 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Tgt Ion:107 Resp: 279261
Ion Ratio Lower Upper
107 100
108 84.8 71.1 111.1
77 69.5 42.0 82.0
79 26.9 9.6 49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS

Tgt Ion:	136	Resp:	39191
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	9.9	8.5	12.7
68	5.4	4.8	7.2

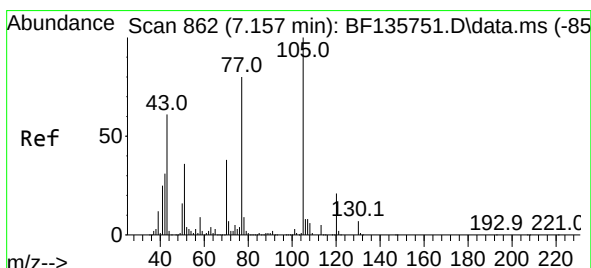
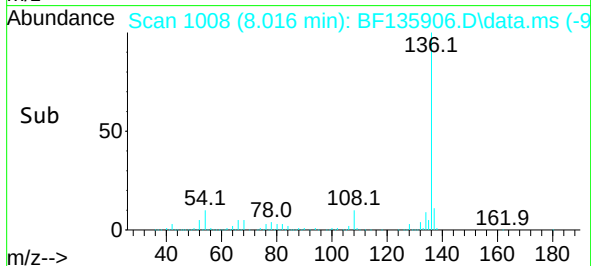
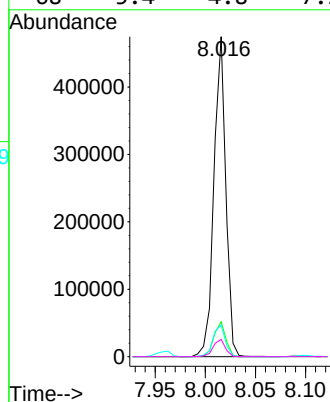
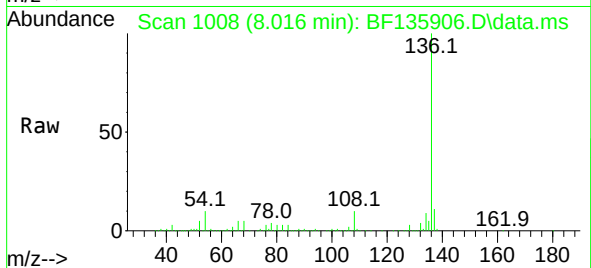
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad

ahmed 10/21/2023



#22

Acetophenone

Concen: 42.002 ng

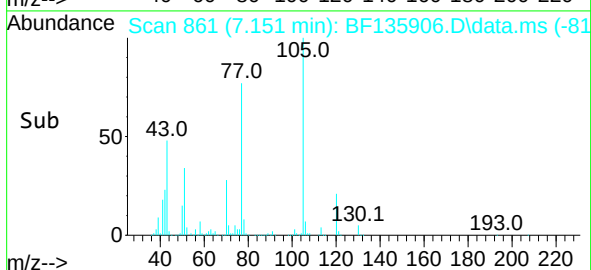
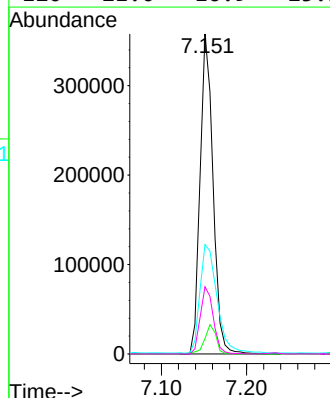
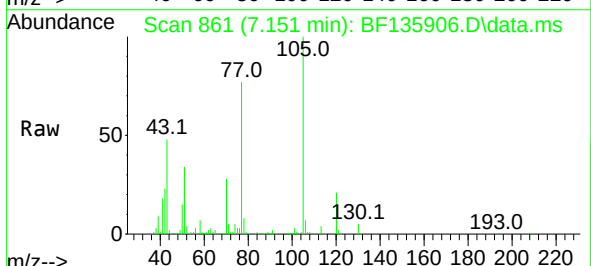
RT: 7.151 min Scan# 861

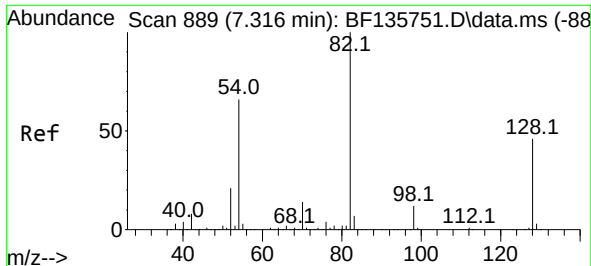
Delta R.T. -0.006 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

Tgt Ion:	105	Resp:	377524
Ion Ratio	Lower	Upper	
105	100		
71	4.8	5.4	8.0#
51	34.2	29.4	44.0
120	21.0	16.9	25.3





#23
Nitrobenzene-d5
Concen: 77.775 ng
RT: 7.310 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

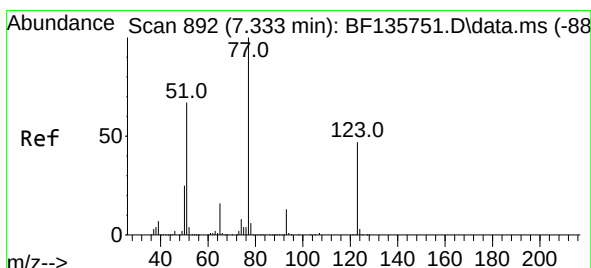
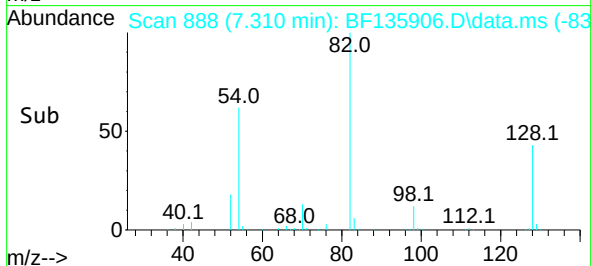
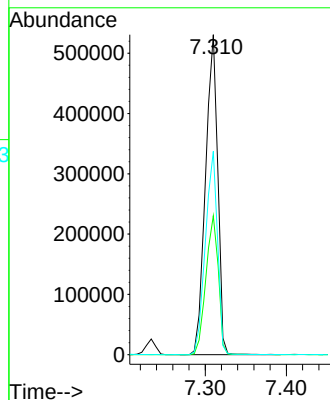
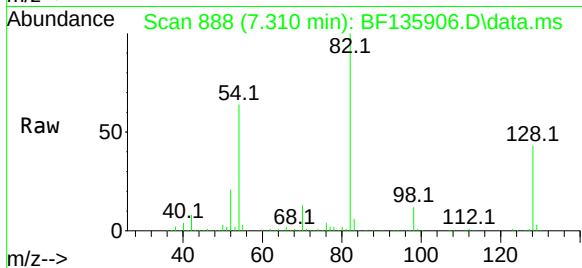
ClientSampleId :

PB156209BS

Tgt Ion: 82 Resp: 554215
Ion Ratio Lower Upper
82 100
128 43.4 37.0 55.6
54 63.5 52.8 79.2

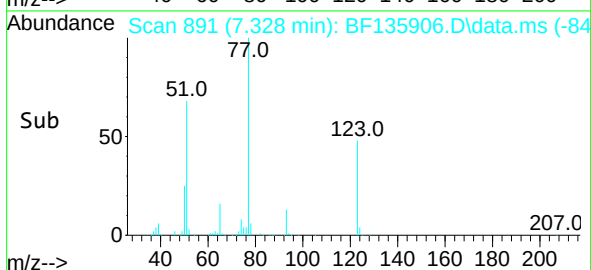
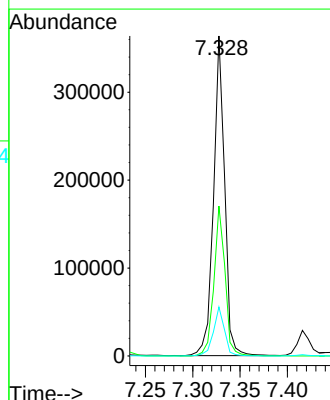
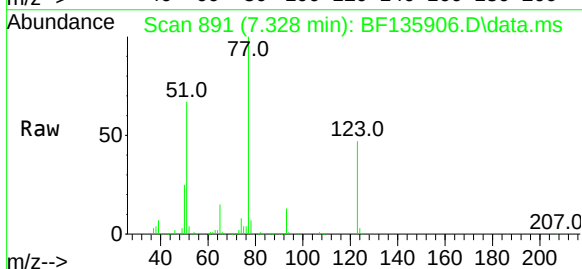
Manual Integrations
APPROVED

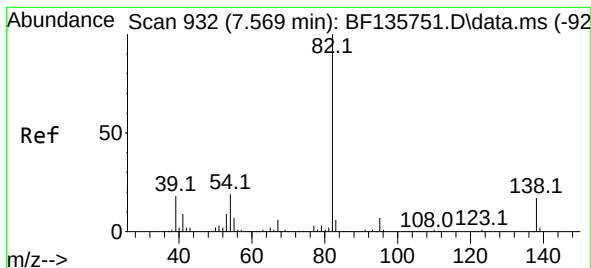
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023



#24
Nitrobenzene
Concen: 41.523 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Tgt Ion: 77 Resp: 296961
Ion Ratio Lower Upper
77 100
123 46.9 37.3 55.9
65 15.3 12.6 18.8





#25

Isophorone

Concen: 41.208 ng

RT: 7.563 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS

Tgt Ion:	82	Resp:	55397
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.5	8.3
138	18.4	13.9	20.9

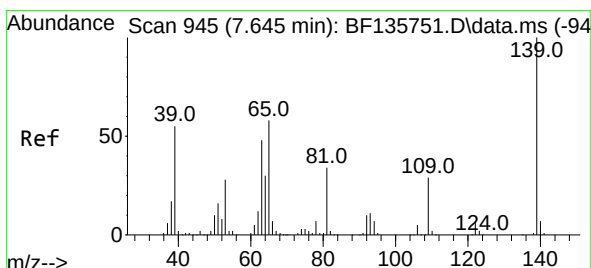
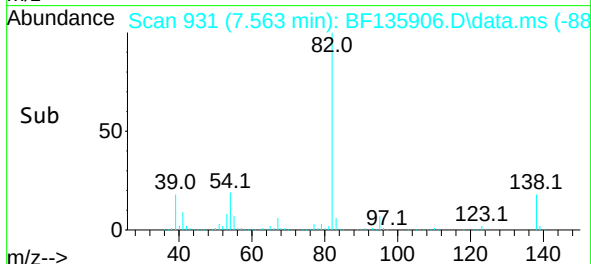
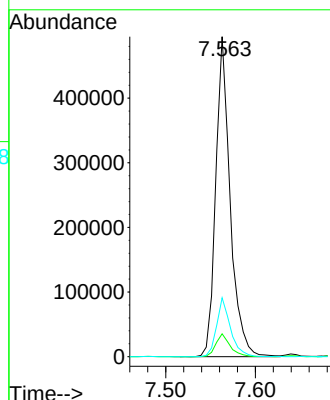
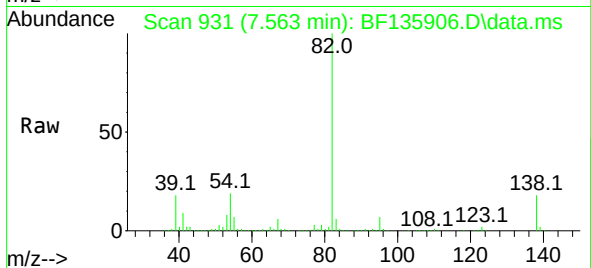
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad

ahmed 10/21/2023



#26

2-Nitrophenol

Concen: 43.663 ng

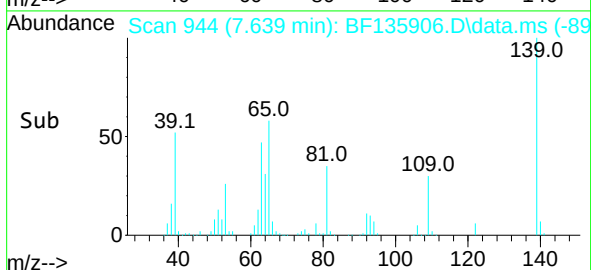
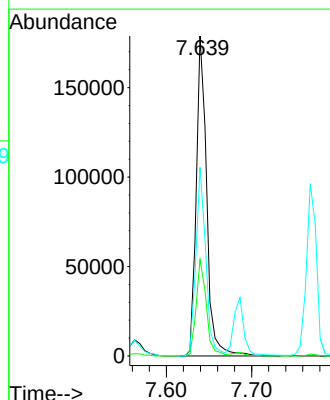
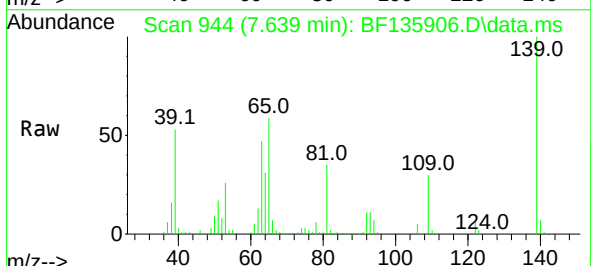
RT: 7.639 min Scan# 944

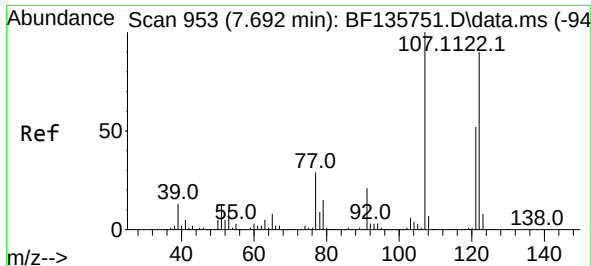
Delta R.T. -0.006 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

Tgt Ion:	139	Resp:	152391
Ion Ratio	Lower	Upper	
139	100		
109	30.1	23.0	34.4
65	59.0	46.0	69.0





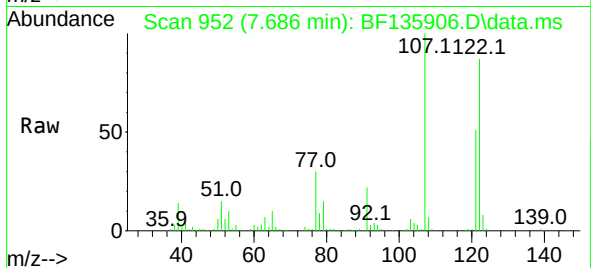
#27
2,4-Dimethylphenol
Concen: 40.381 ng
RT: 7.686 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

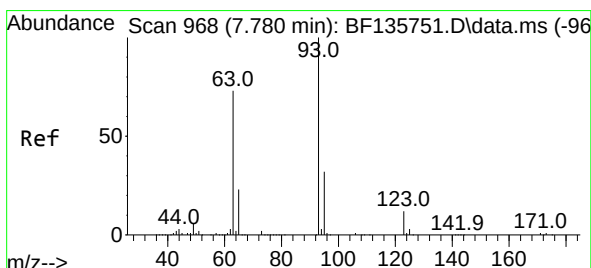
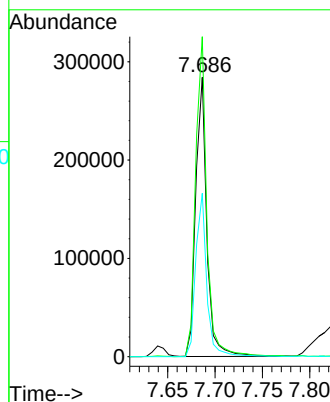
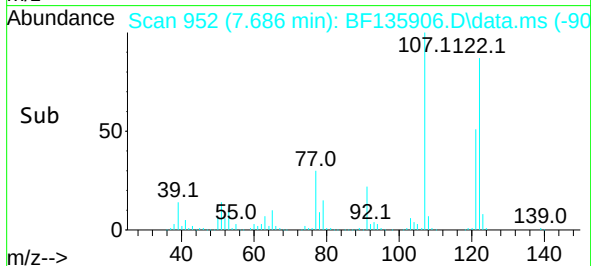
PB156209BS



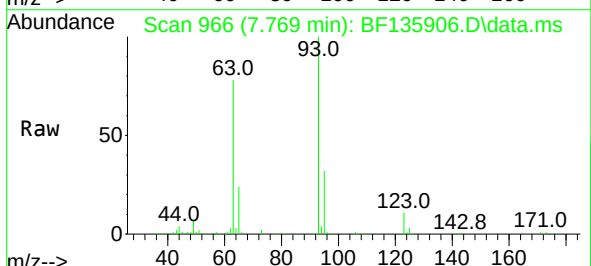
Tgt Ion:122 Resp: 232015
Ion Ratio Lower Upper
122 100
107 114.5 88.2 132.4
121 58.5 45.5 68.3

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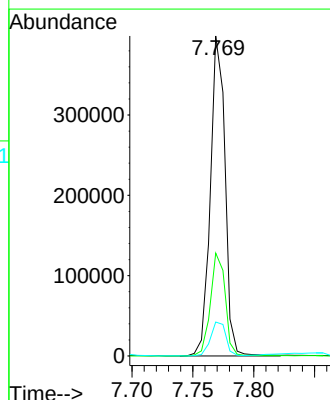
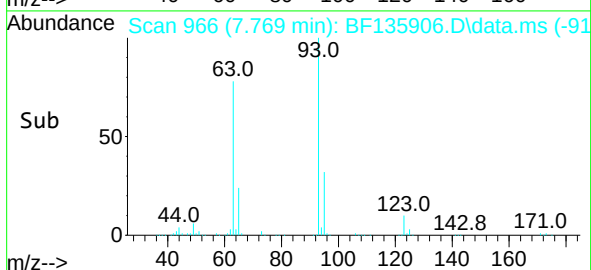
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023

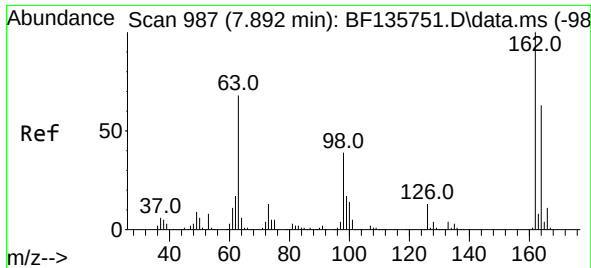


#28
bis(2-Chloroethoxy)methane
Concen: 41.888 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59



Tgt Ion: 93 Resp: 335354
Ion Ratio Lower Upper
93 100
95 32.2 25.7 38.5
123 10.6 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 43.198 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

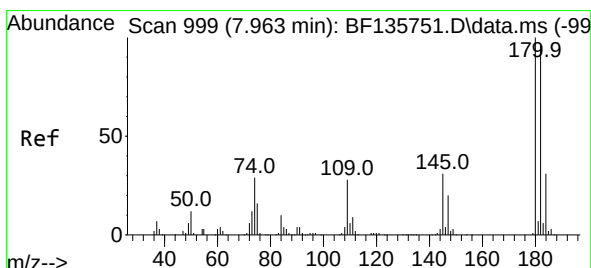
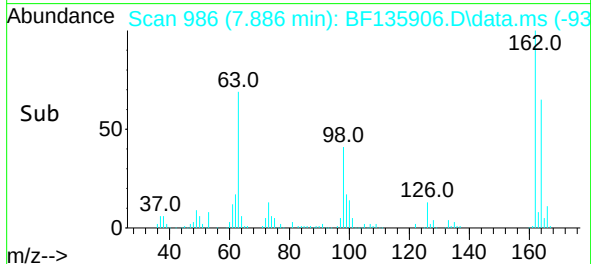
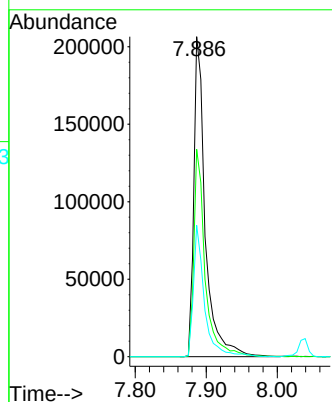
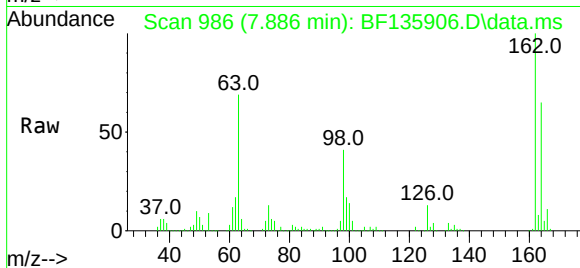
ClientSampleId :

PB156209BS

Tgt Ion:162 Resp: 232592
Ion Ratio Lower Upper
162 100
164 64.8 43.4 83.4
98 41.0 19.0 59.0

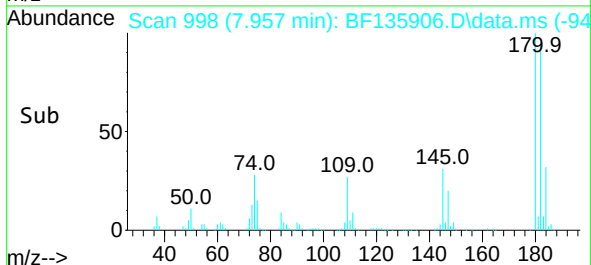
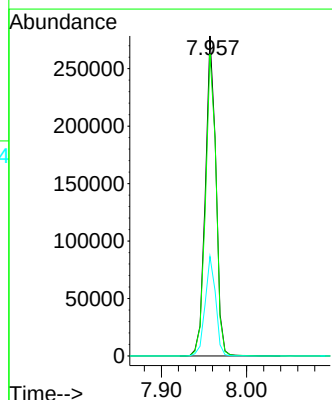
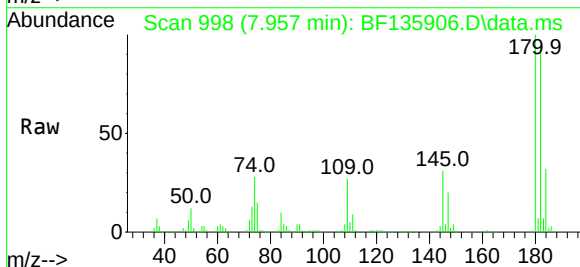
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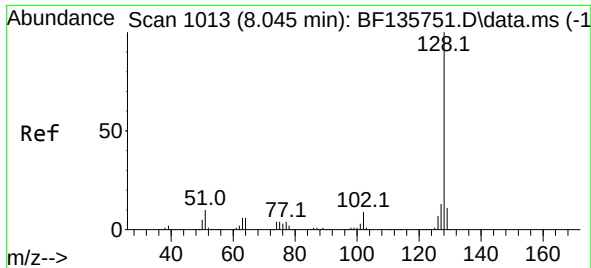
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023



#30
1,2,4-Trichlorobenzene
Concen: 43.413 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Tgt Ion:180 Resp: 239077
Ion Ratio Lower Upper
180 100
182 94.3 76.4 114.6
145 31.1 25.0 37.6





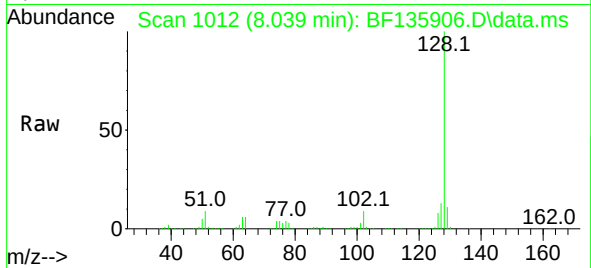
#31
Naphthalene
Concen: 41.265 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS



Tgt Ion:128 Resp: 788825
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.2 15.4

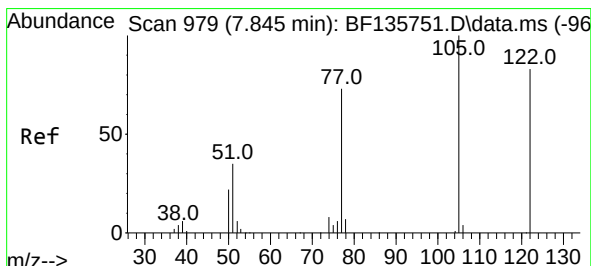
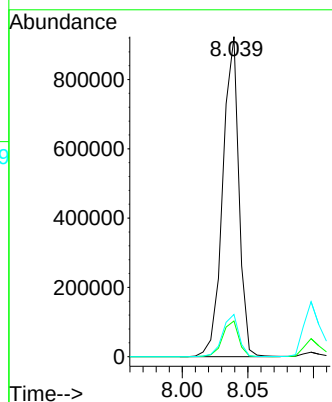
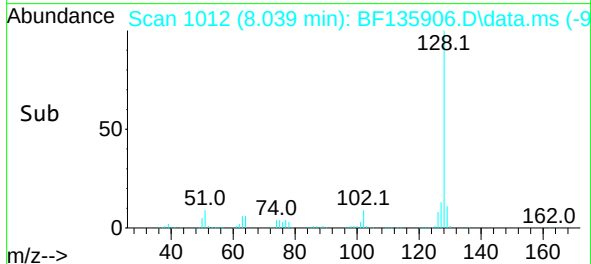
Manual Integrations

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Reviewed By :Yogesh Patel 10/21/2023

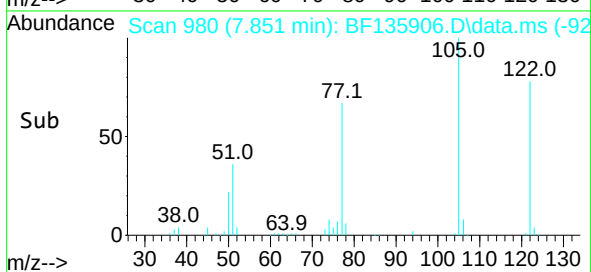
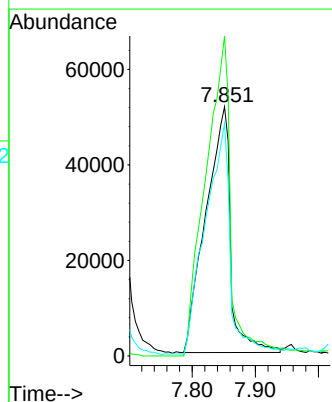
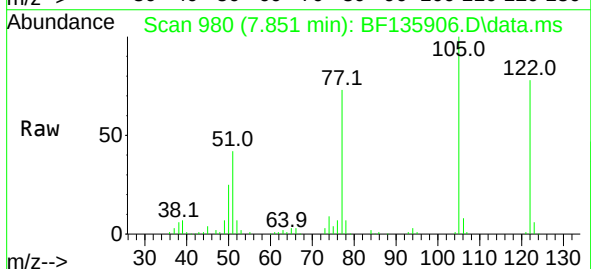
Supervised By :mohammad

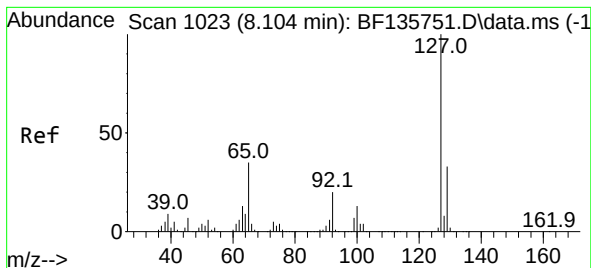
ahmed 10/21/2023



#32
Benzoic acid
Concen: 36.155 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Tgt Ion:122 Resp: 140613
Ion Ratio Lower Upper
122 100
105 128.5 98.7 138.7
77 93.3 67.8 107.8





#33
4-Chloroaniline
Concen: 20.142 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS

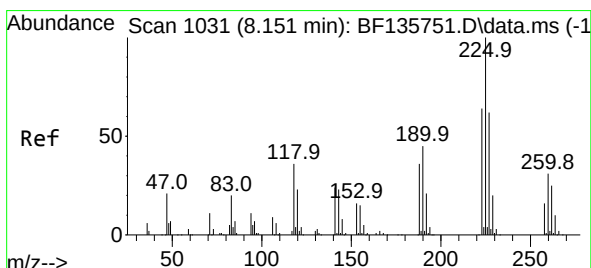
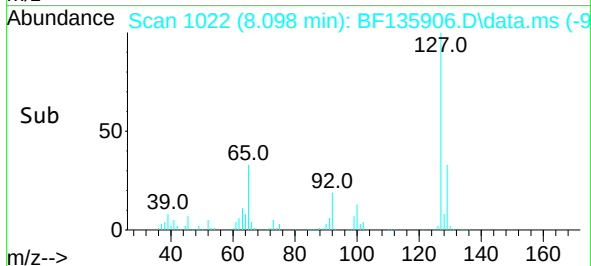
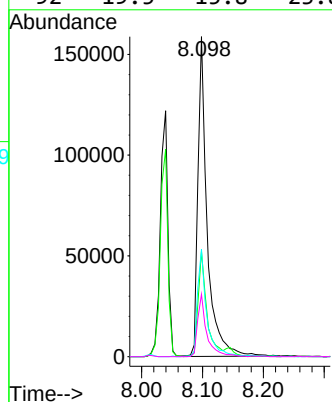
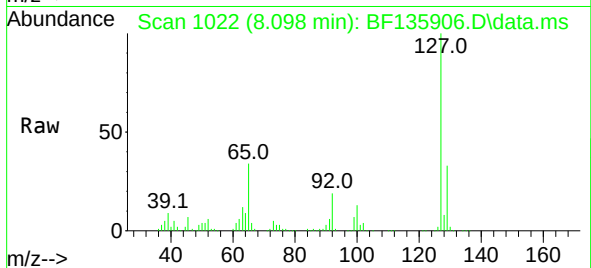
Tgt Ion:127 Resp: 168192
Ion Ratio Lower Upper
127 100
129 32.9 26.5 39.7
65 33.6 27.9 41.9
92 19.5 15.8 23.8

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Reviewed By :Yogesh Patel 10/21/2023

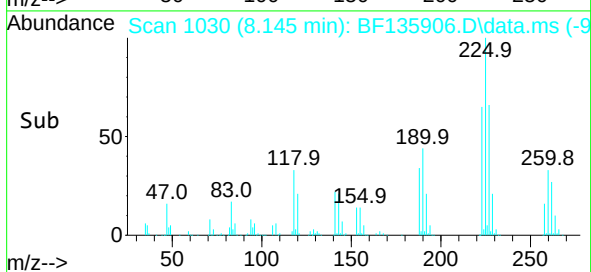
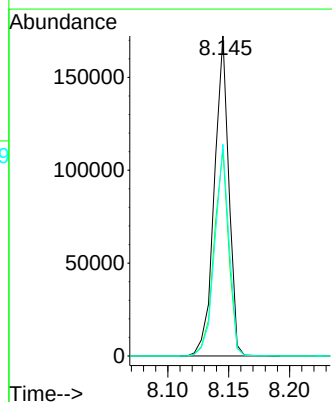
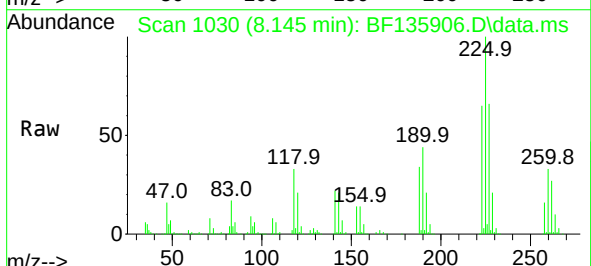
Supervised By :mohammad

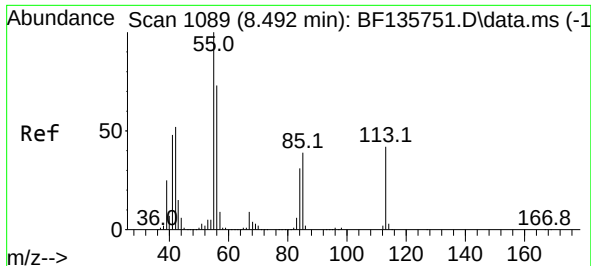
ahmed 10/21/2023



#34
Hexachlorobutadiene
Concen: 43.589 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Tgt Ion:225 Resp: 142084
Ion Ratio Lower Upper
225 100
223 64.6 51.1 76.7
227 66.2 49.7 74.5





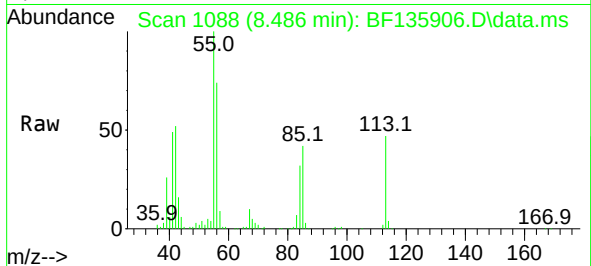
#35
 Caprolactam
 Concen: 39.832 ng m
 RT: 8.486 min Scan# 1089
 Delta R.T. -0.012 min
 Lab File: BF135906.D
 Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS



Tgt Ion:113 Resp: 73318
 Ion Ratio Lower Upper
 113 100
 55 211.7 217.4 257.4
 56 156.4 153.1 193.1

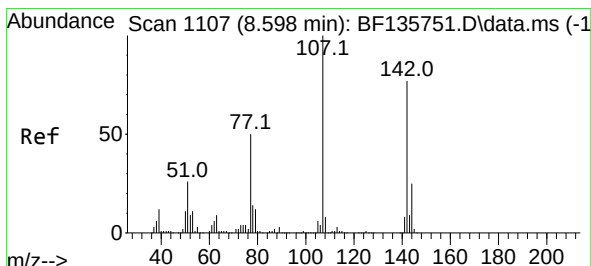
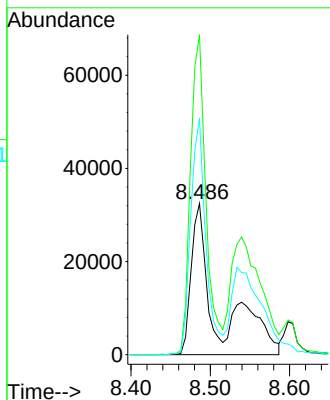
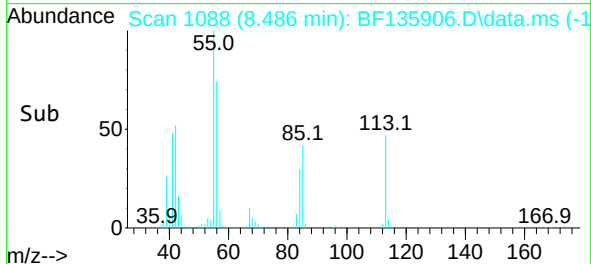
Manual Integrations

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Reviewed By :Yogesh Patel 10/21/2023

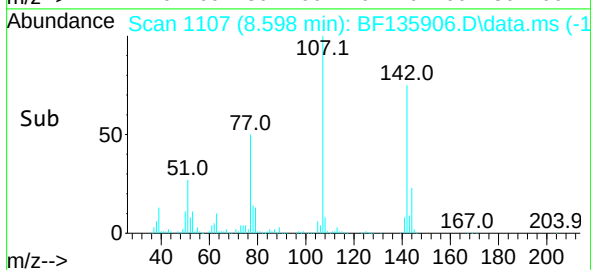
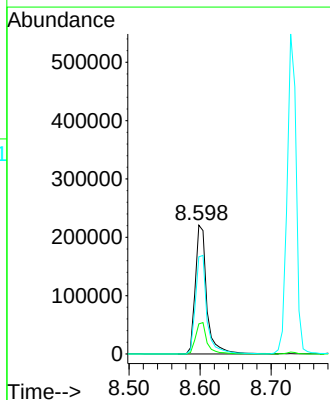
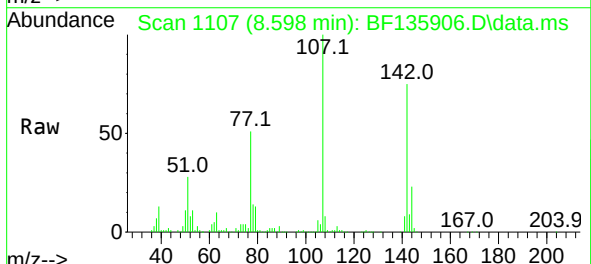
Supervised By :mohammad

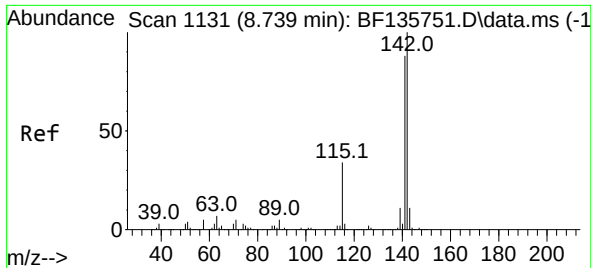
ahmed 10/21/2023



#36
 4-Chloro-3-methylphenol
 Concen: 41.584 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF135906.D
 Acq: 20 Oct 2023 13:59

Tgt Ion:107 Resp: 248303
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.8 29.8
 142 75.3 61.3 91.9





#37
2-Methylnaphthalene
Concen: 38.878 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

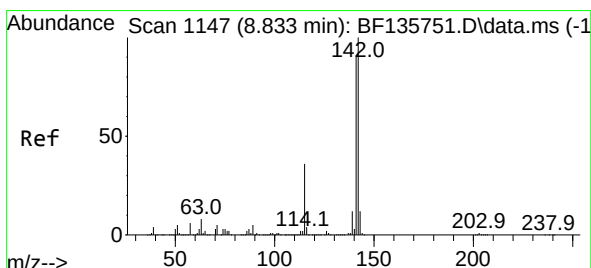
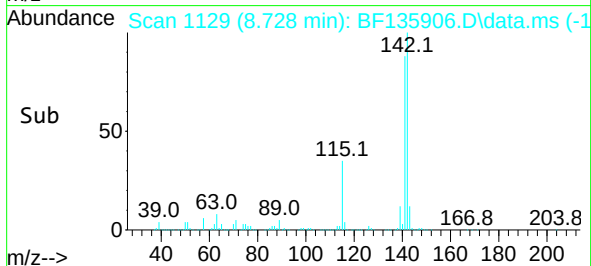
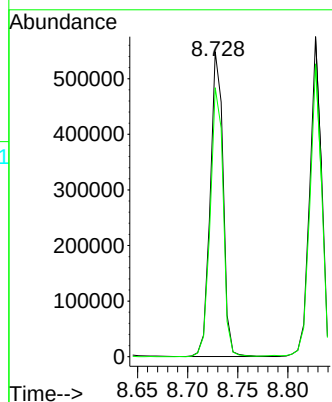
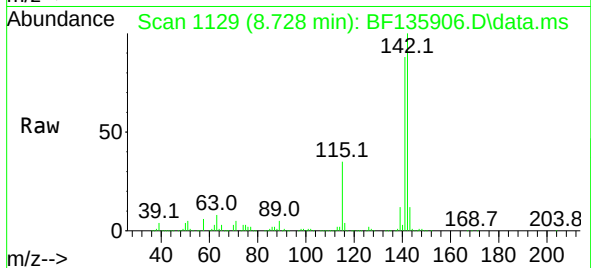
ClientSampleId :

PB156209BS

Tgt Ion:142 Resp: 48965
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8

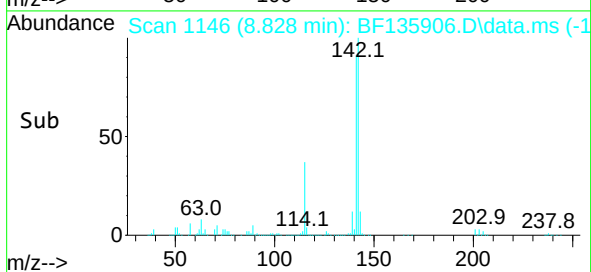
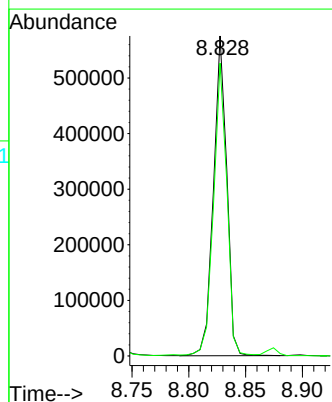
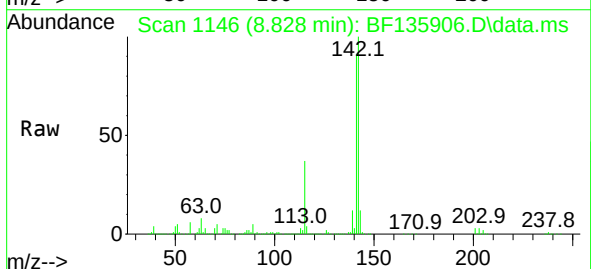
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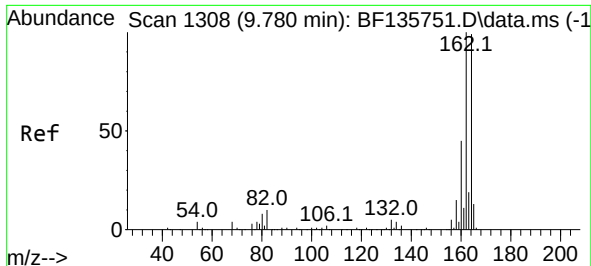
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023



#38
1-Methylnaphthalene
Concen: 40.184 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Tgt Ion:142 Resp: 466790
Ion Ratio Lower Upper
142 100
141 91.5 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

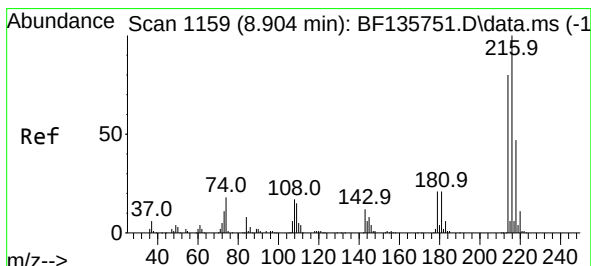
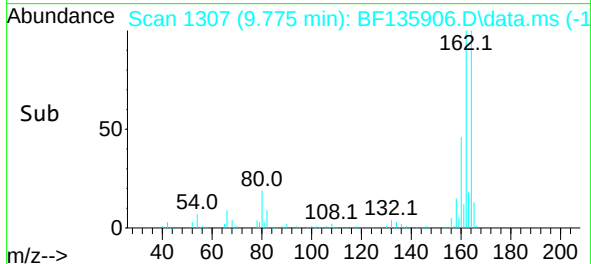
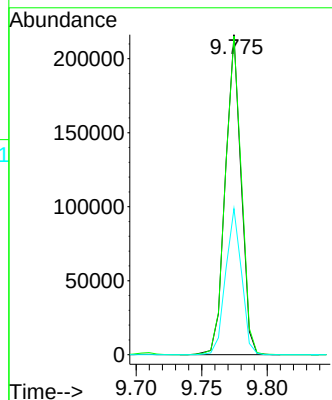
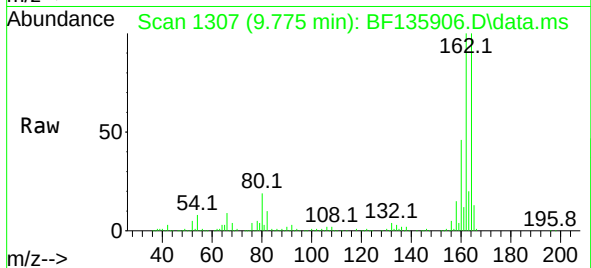
PB156209BS

Tgt Ion:164 Resp: 179364

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.8	121.2
160	45.7	36.6	54.8

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.435 ng

RT: 8.898 min Scan# 1158

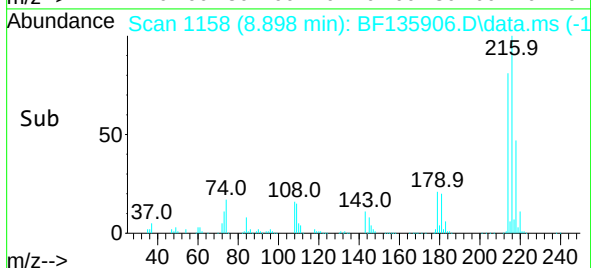
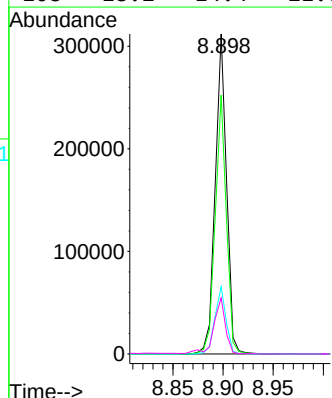
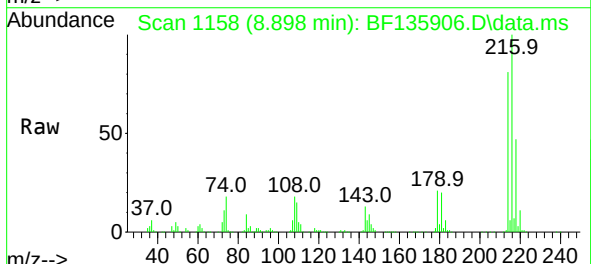
Delta R.T. -0.012 min

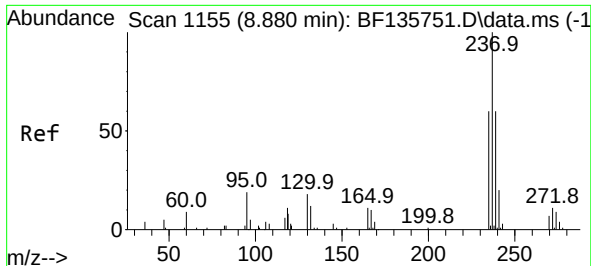
Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

Tgt Ion:216 Resp: 244740

Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.0	96.0
179	20.6	16.9	25.3
108	18.2	14.4	21.6





#41
Hexachlorocyclopentadiene
Concen: 78.761 ng
RT: 8.875 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS

Tgt Ion:237 Resp: 82864
Ion Ratio Lower Upper
237 100
235 63.1 40.0 80.0
272 12.5 0.0 30.9

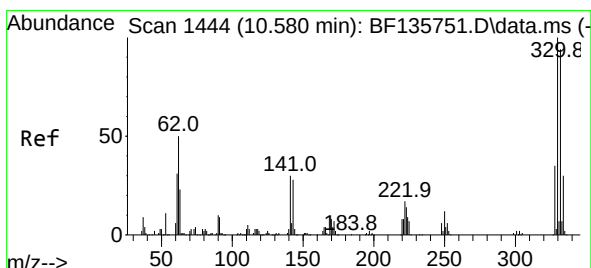
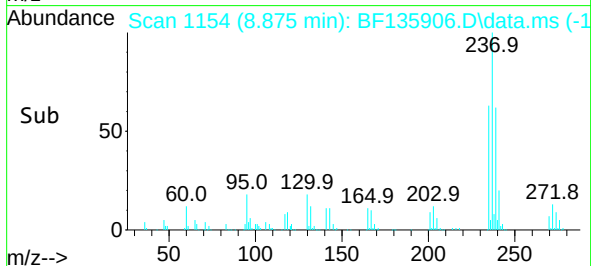
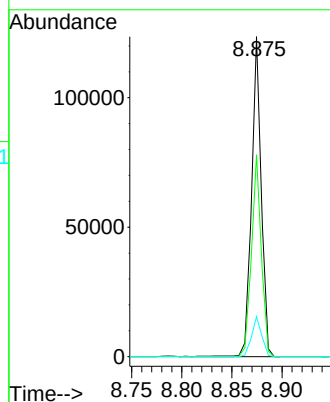
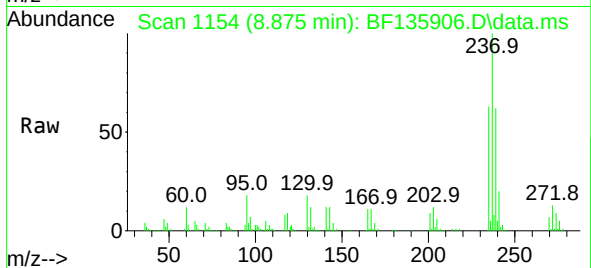
Manual Integrations

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Reviewed By :Yogesh Patel 10/21/2023

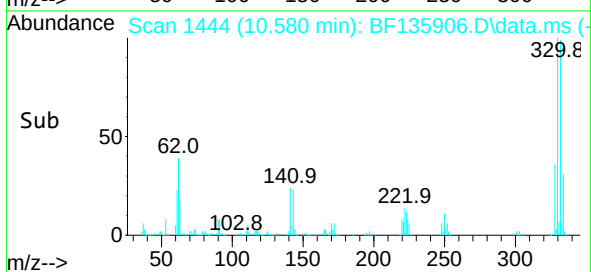
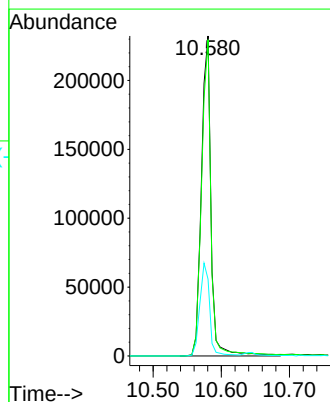
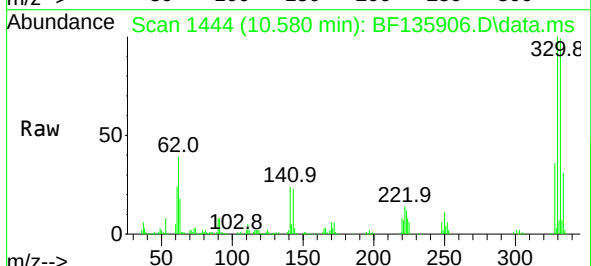
Supervised By :mohammad

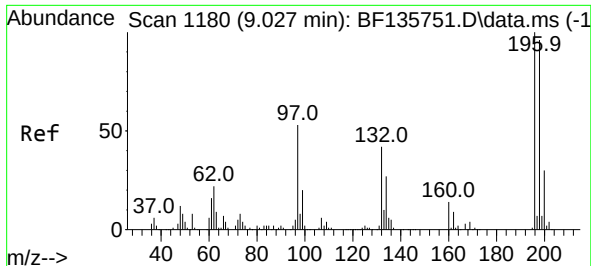
ahmed 10/21/2023



#42
2,4,6-Tribromophenol
Concen: 131.902 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Tgt Ion:330 Resp: 227022
Ion Ratio Lower Upper
330 100
332 97.6 75.0 112.4
141 29.7 25.8 38.6





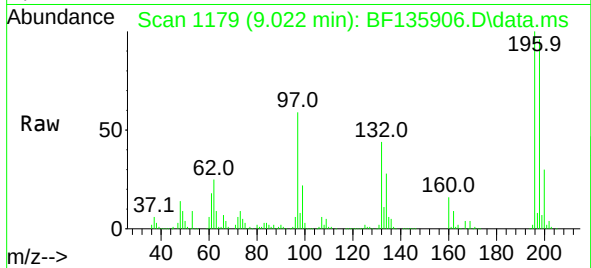
#43
2,4,6-Trichlorophenol
Concen: 48.145 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS



Tgt Ion:196 Resp: 160074
Ion Ratio Lower Upper
196 100
198 95.5 76.7 115.1
200 29.9 24.2 36.4

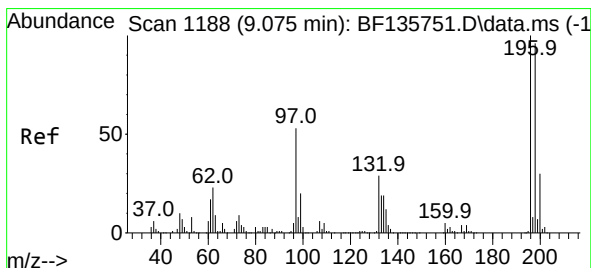
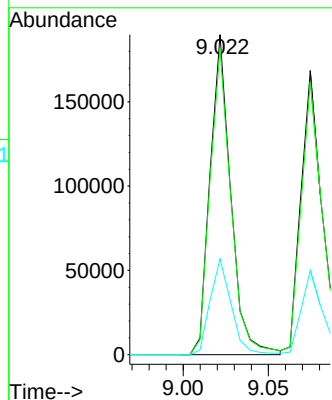
Manual Integrations

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Reviewed By :Yogesh Patel 10/21/2023

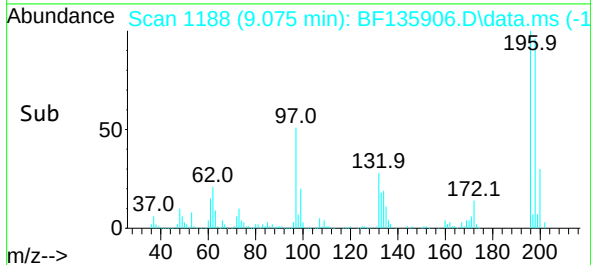
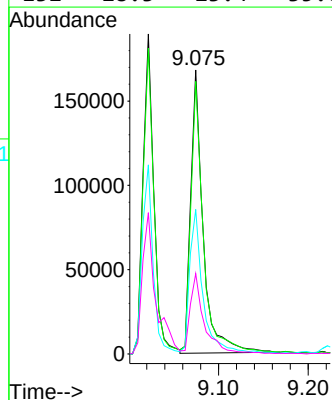
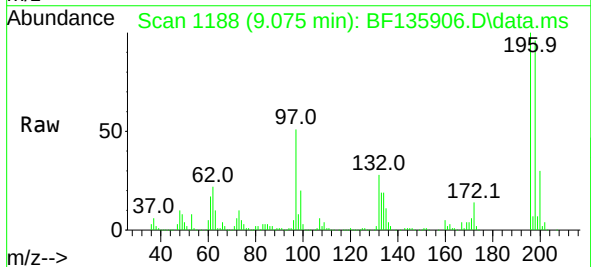
Supervised By :mohammad

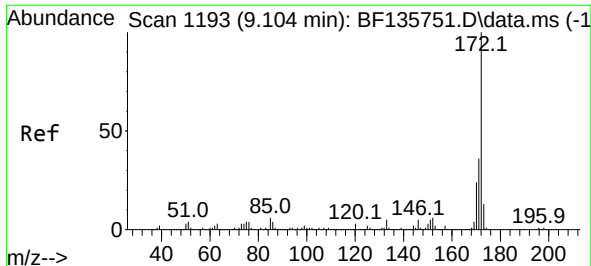
ahmed 10/21/2023



#44
2,4,5-Trichlorophenol
Concen: 41.972 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Tgt Ion:196 Resp: 162309
Ion Ratio Lower Upper
196 100
198 95.9 77.0 115.6
97 50.9 42.2 63.2
132 28.3 23.4 35.0





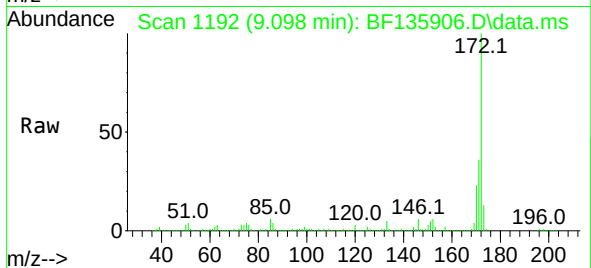
#45
2-Fluorobiphenyl
Concen: 87.684 ng
RT: 9.098 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS



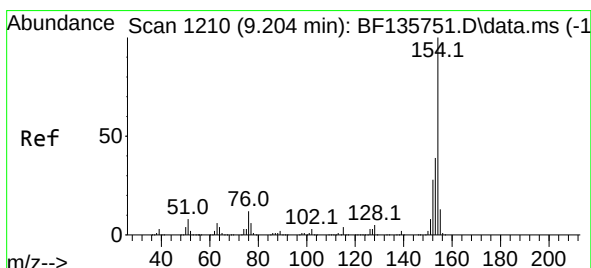
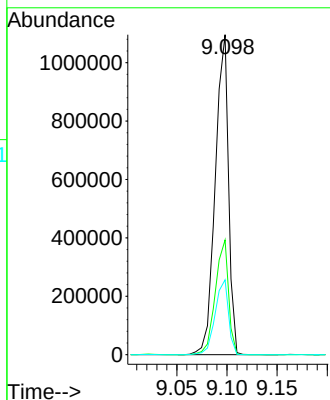
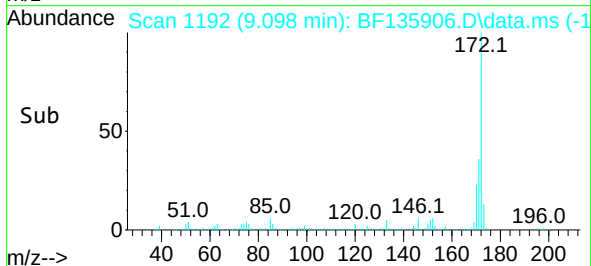
Tgt Ion:172 Resp: 100589
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.4 18.8 28.2

Manual Integrations
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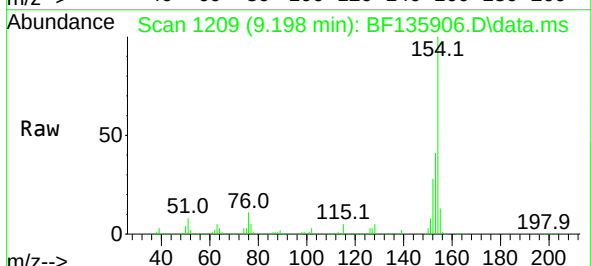
Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad

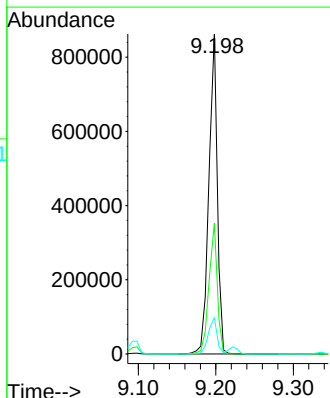
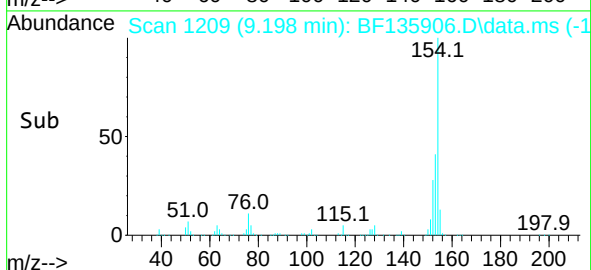
ahmed 10/21/2023

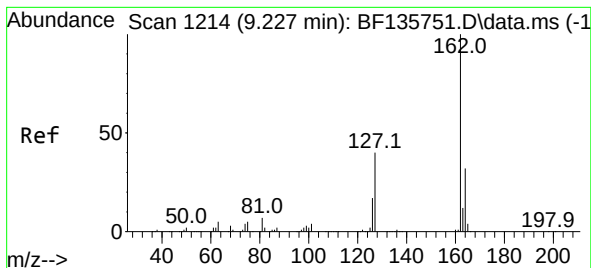


#46
1,1'-Biphenyl
Concen: 47.492 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59



Tgt Ion:154 Resp: 652522
Ion Ratio Lower Upper
154 100
153 40.8 19.4 59.4
76 11.2 0.0 31.7





#47

2-Chloronaphthalene

Concen: 48.731 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS

Tgt Ion:162 Resp: 482538

Ion Ratio Lower Upper

162 100

127 44.0 34.7 52.1

164 32.3 25.6 38.4

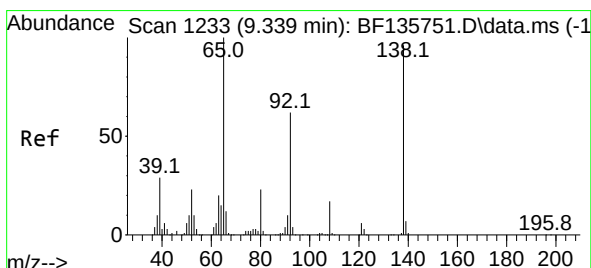
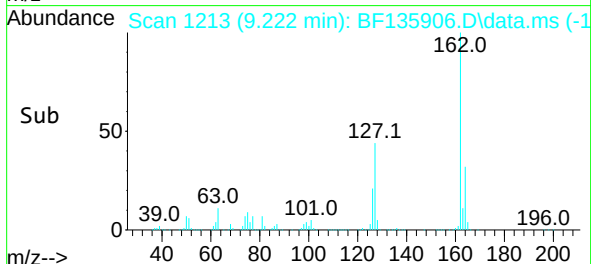
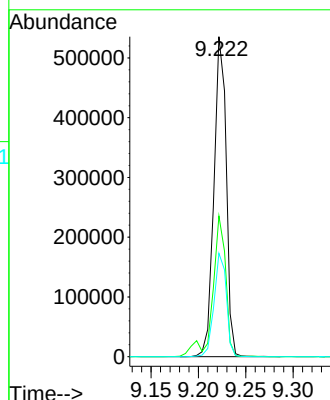
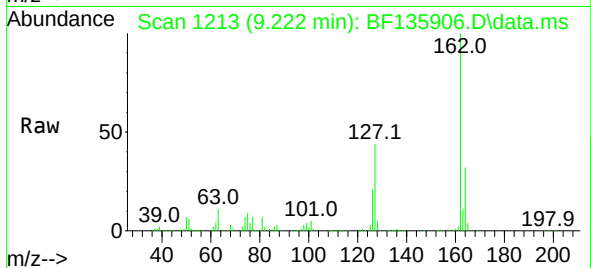
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad

ahmed 10/21/2023



#48

2-Nitroaniline

Concen: 45.008 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

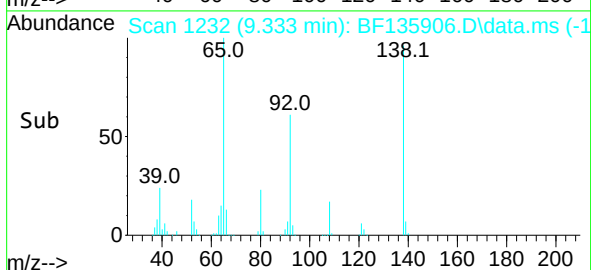
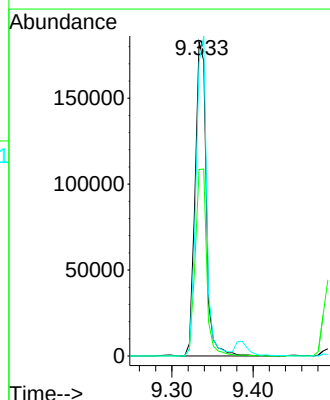
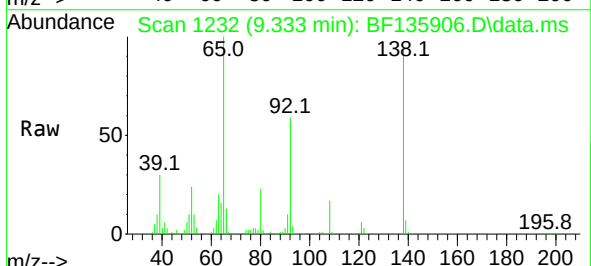
Tgt Ion: 65 Resp: 175915

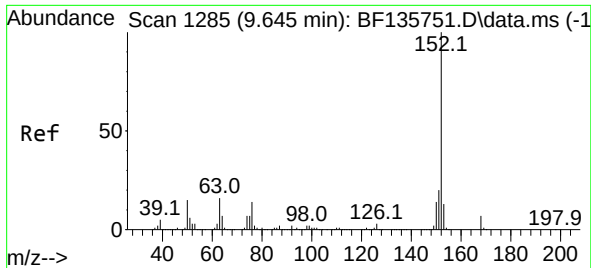
Ion Ratio Lower Upper

65 100

92 59.4 49.4 74.0

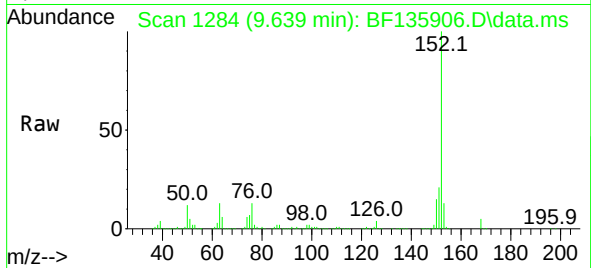
138 93.6 76.6 114.8





#49
Acenaphthylene
Concen: 44.192 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

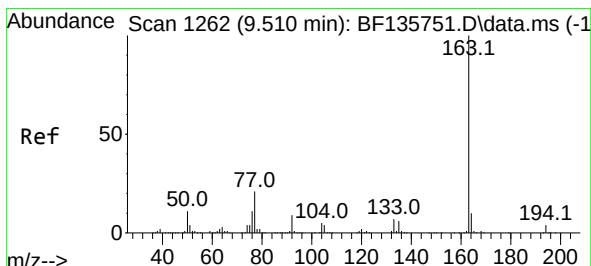
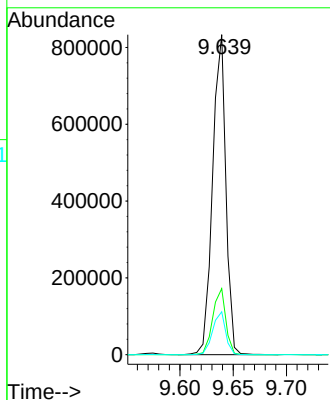
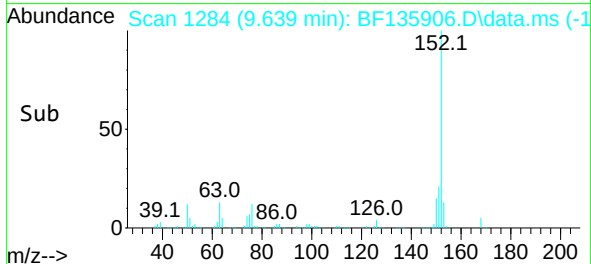
Instrument :
BNA_F
ClientSampleId :
PB156209BS



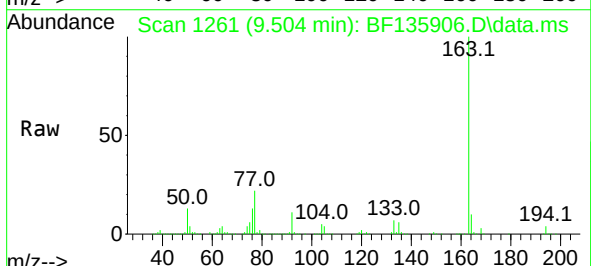
Tgt Ion:152 Resp: 724169
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.4 10.2 15.4

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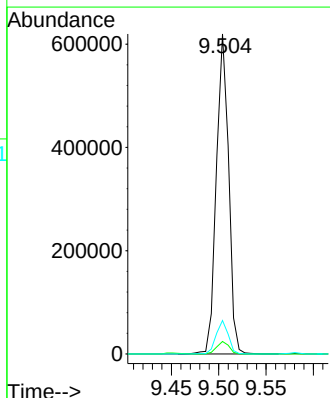
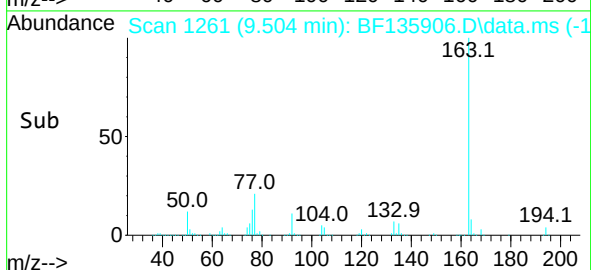
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023

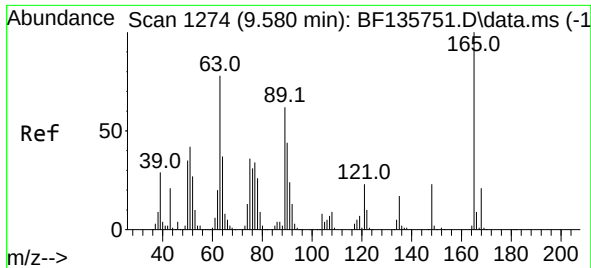


#50
Dimethylphthalate
Concen: 46.100 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59



Tgt Ion:163 Resp: 558196
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.5 7.9 11.9





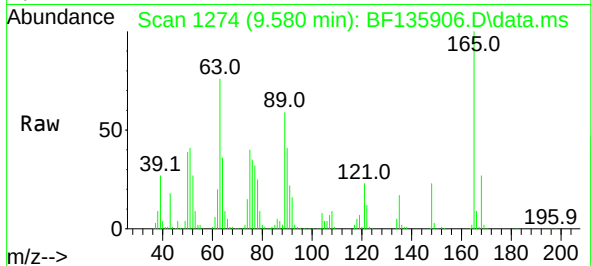
#51
2,6-Dinitrotoluene
Concen: 46.291 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS



Tgt Ion:165 Resp: 120534
Ion Ratio Lower Upper
165 100
63 76.0 62.2 93.4
89 59.2 49.6 74.4

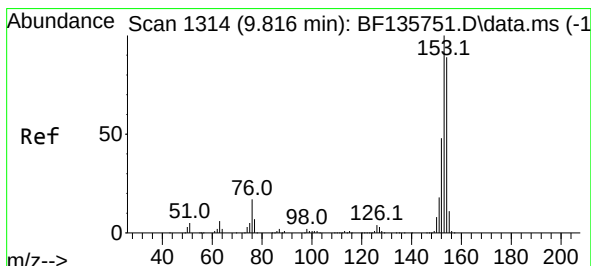
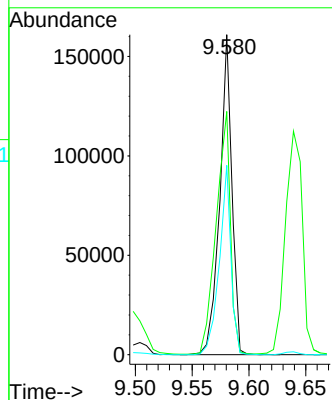
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

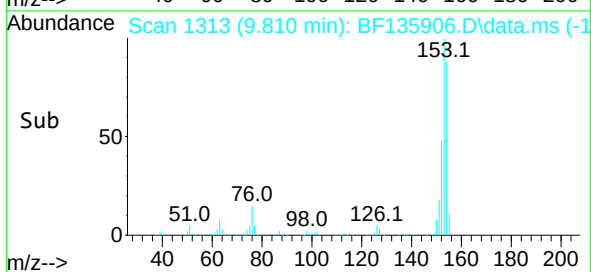
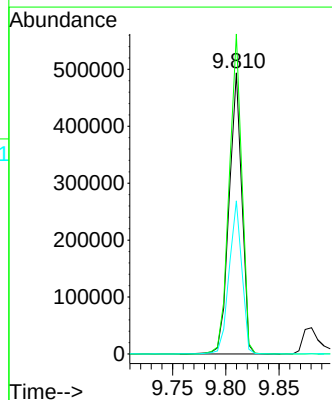
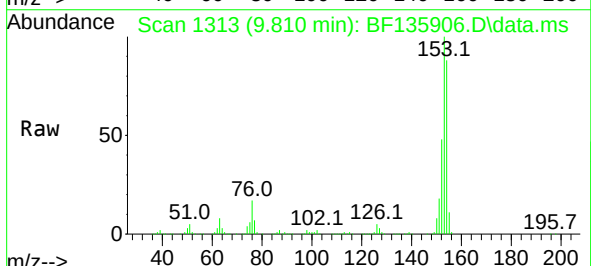
Supervised By :mohammad

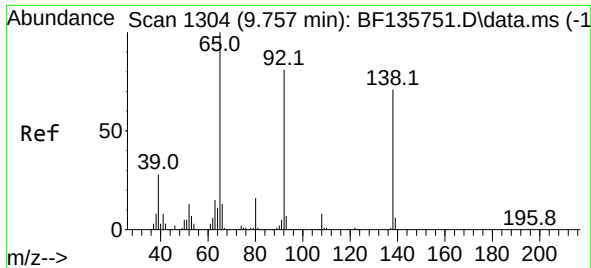
ahmed 10/21/2023



#52
Acenaphthene
Concen: 41.840 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Tgt Ion:154 Resp: 410946
Ion Ratio Lower Upper
154 100
153 113.8 90.1 135.1
152 54.5 43.1 64.7





#53
3-Nitroaniline
Concen: 31.819 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

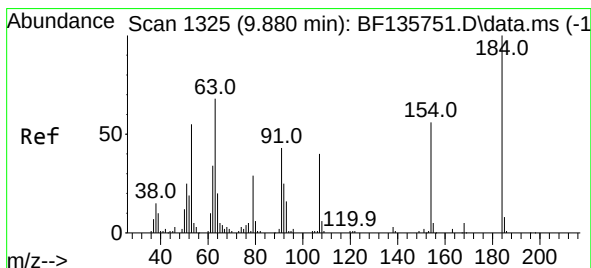
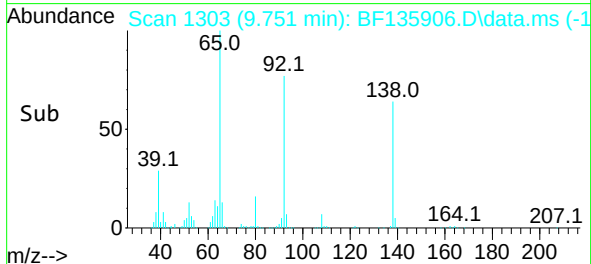
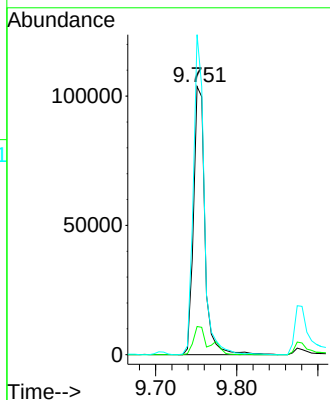
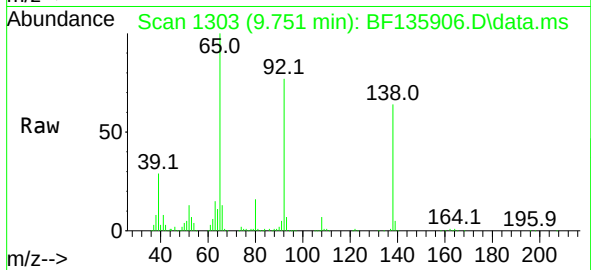
ClientSampleId :

PB156209BS

Tgt Ion:138 Resp: 101564
Ion Ratio Lower Upper
138 100
108 10.5 8.6 13.0
92 119.4 91.3 136.9

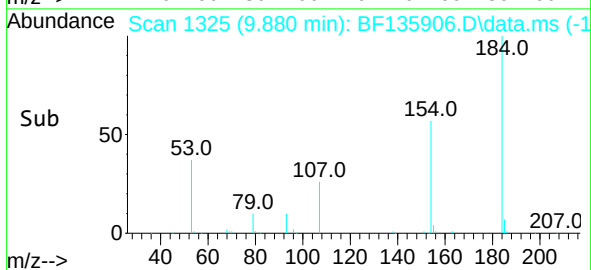
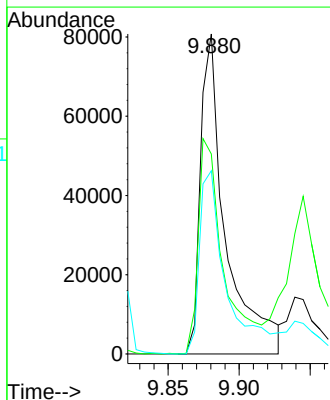
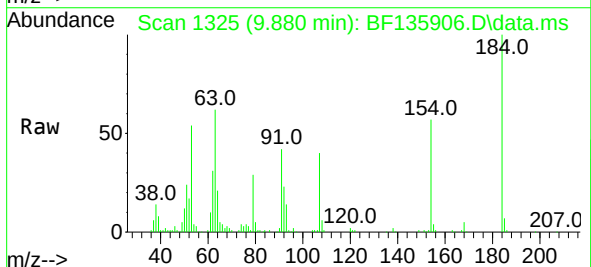
Manual Integrations
APPROVED

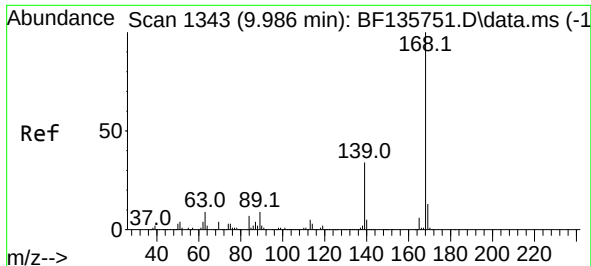
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023



#54
2,4-Dinitrophenol
Concen: 91.466 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Tgt Ion:184 Resp: 99415
Ion Ratio Lower Upper
184 100
63 62.5 54.6 81.8
154 57.3 45.0 67.4





#55
Dibenzenofuran
Concen: 48.458 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

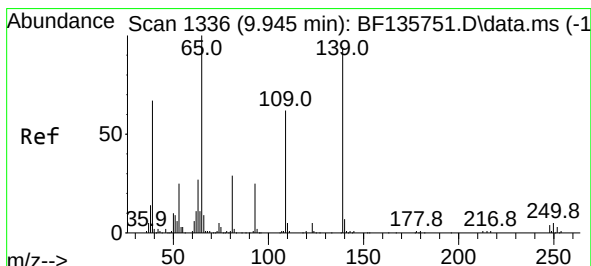
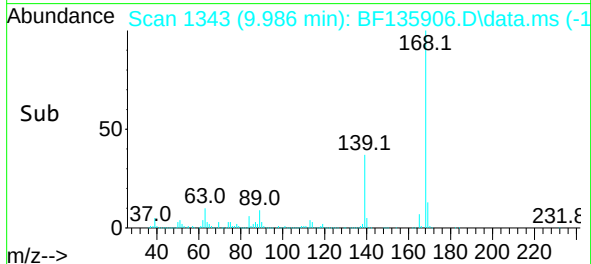
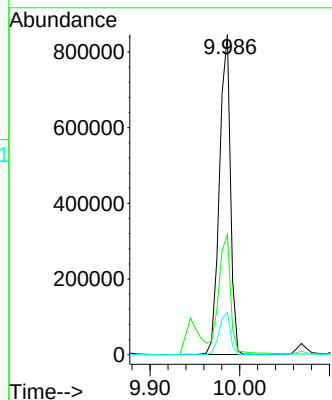
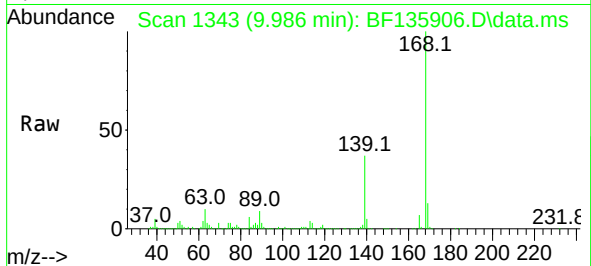
ClientSampleId :

PB156209BS

Tgt Ion:168 Resp: 71815
Ion Ratio Lower Upper
168 100
139 37.5 31.0 46.4
169 13.1 10.7 16.1

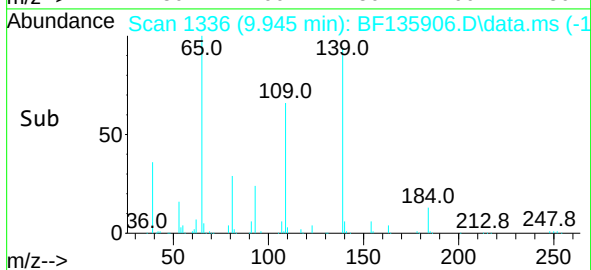
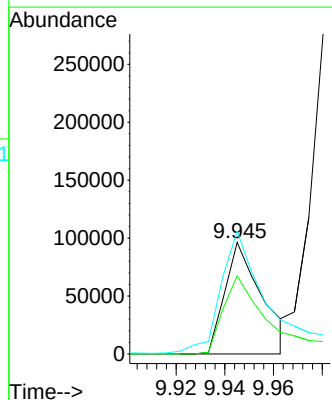
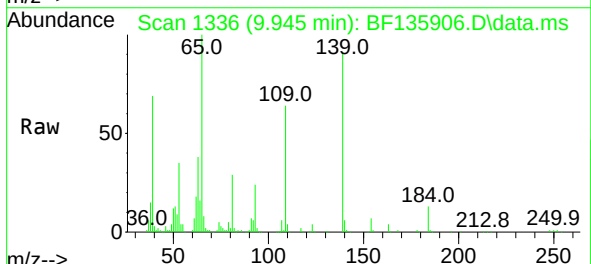
Manual Integrations
APPROVED

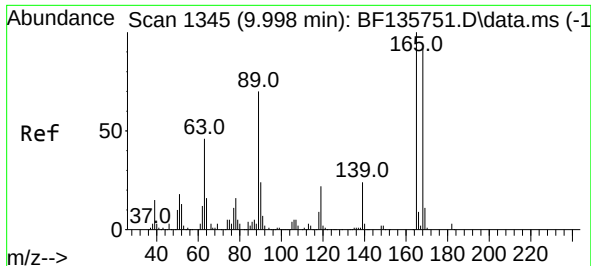
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023



#56
4-Nitrophenol
Concen: 69.762 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Tgt Ion:139 Resp: 100921
Ion Ratio Lower Upper
139 100
109 70.1 45.6 85.6
65 110.1 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 52.875 ng

RT: 9.998 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS

Tgt Ion:	165	Resp:	17515
Ion Ratio	Lower	Upper	
165	100		
63	42.9	39.0	58.4
89	62.9	55.9	83.9
182	2.6	2.0	3.0

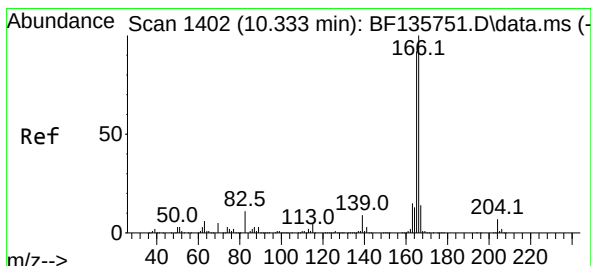
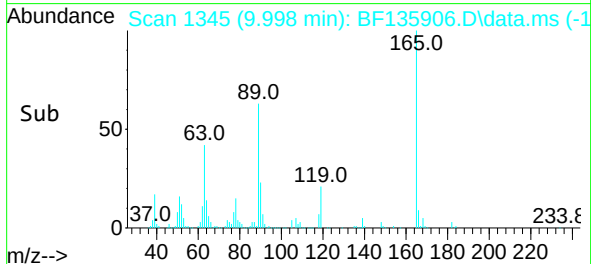
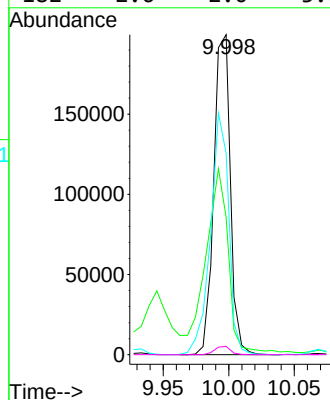
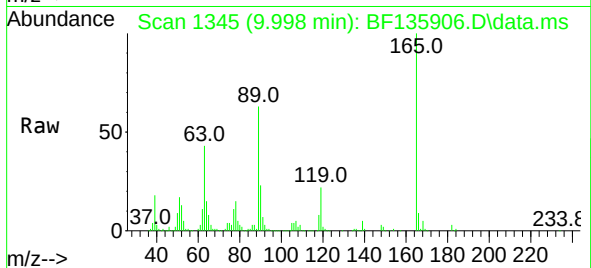
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad

ahmed 10/21/2023



#58

Fluorene

Concen: 43.069 ng

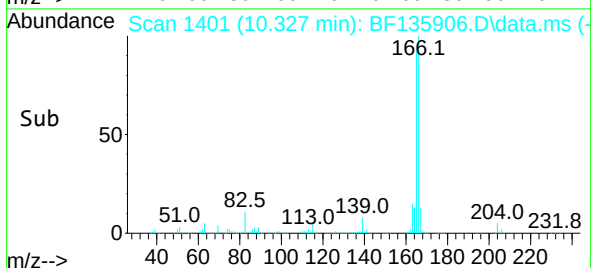
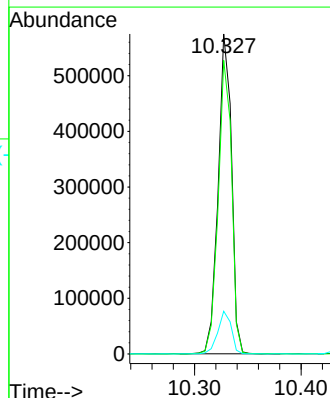
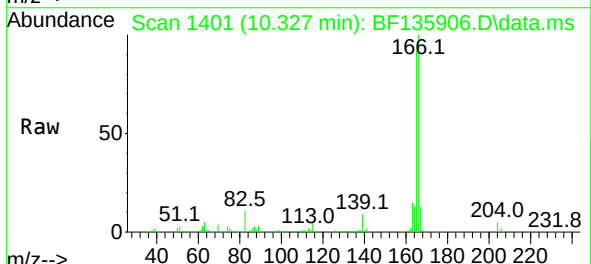
RT: 10.327 min Scan# 1401

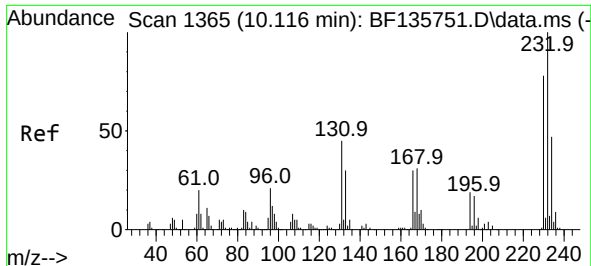
Delta R.T. -0.012 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

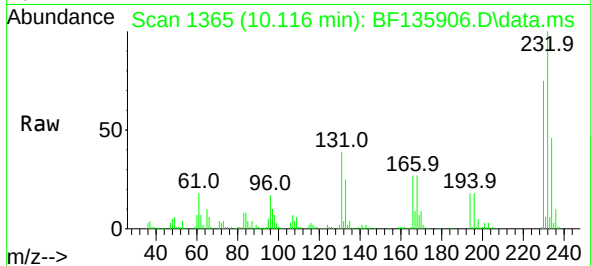
Tgt Ion:	166	Resp:	499689
Ion Ratio	Lower	Upper	
166	100		
165	91.8	73.4	110.0
167	13.4	11.0	16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.737 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

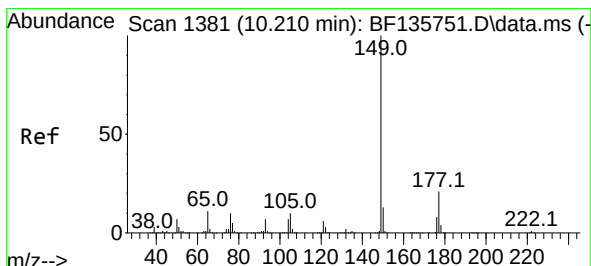
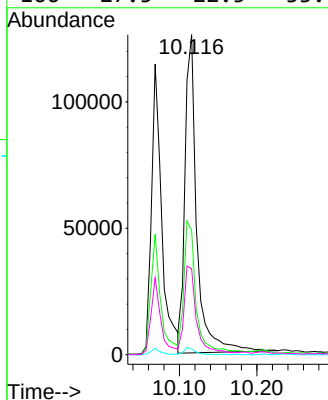
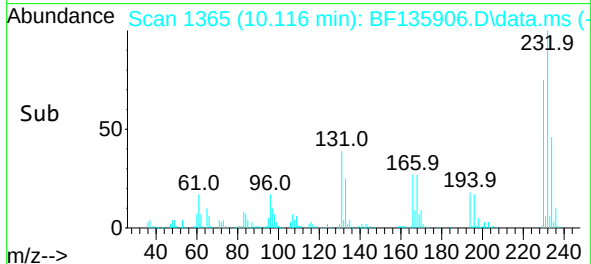
Instrument :
BNA_F
ClientSampleId :
PB156209BS



Tgt Ion:232 Resp: 133661
Ion Ratio Lower Upper
232 100
131 41.4 35.8 53.6
130 2.1 1.9 2.9
166 27.5 22.5 33.7

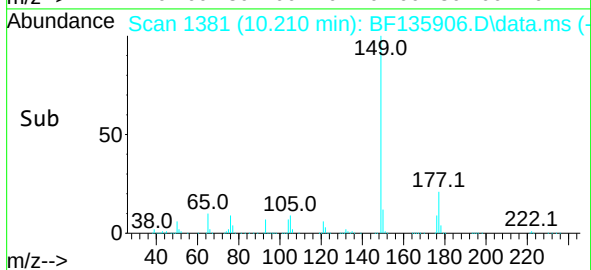
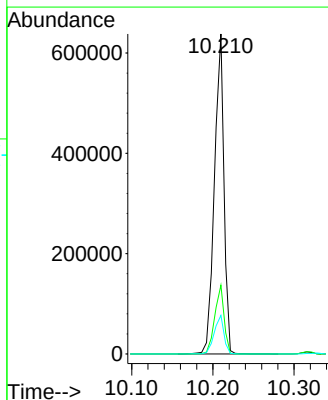
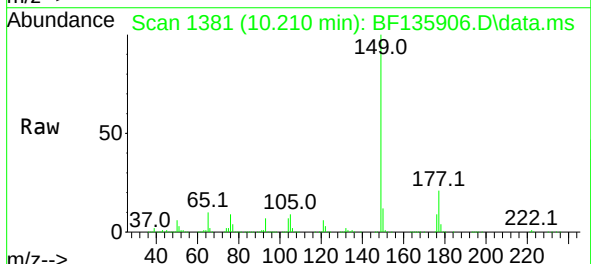
Manual Integrations
APPROVED

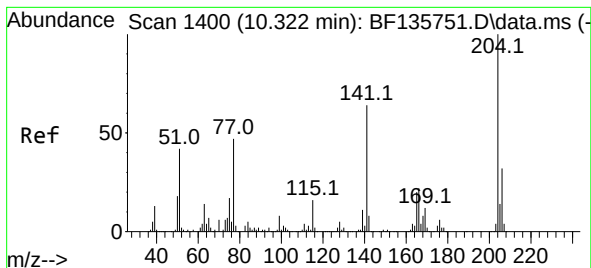
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023



#60
Diethylphthalate
Concen: 41.981 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

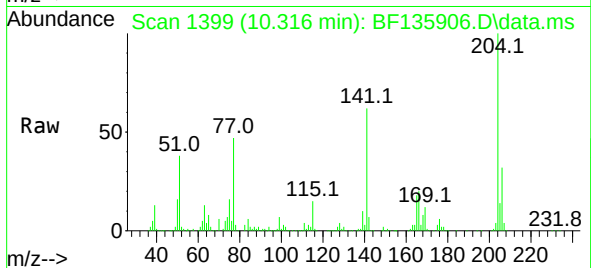
Tgt Ion:149 Resp: 518937
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 12.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.616 ng
RT: 10.316 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

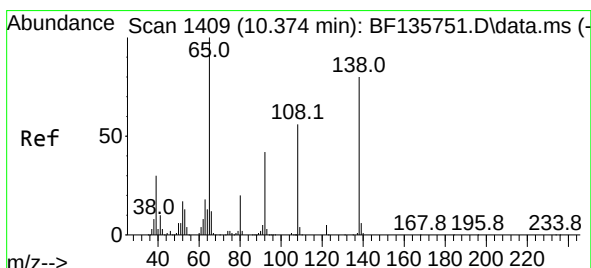
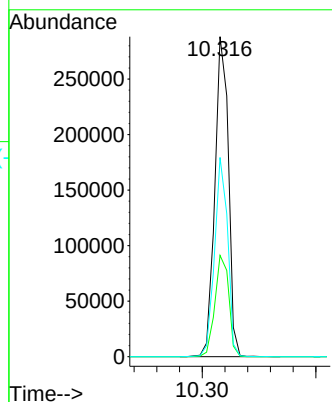
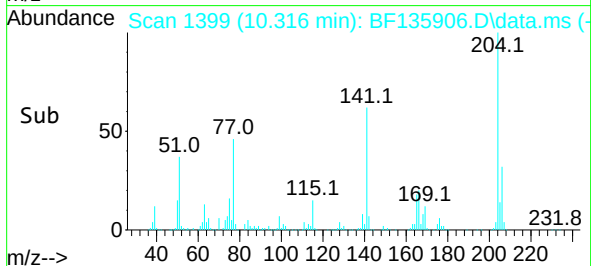
Instrument :
BNA_F
ClientSampleId :
PB156209BS



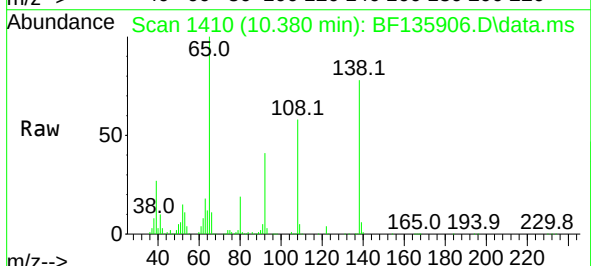
Tgt Ion:204 Resp: 238968
Ion Ratio Lower Upper
204 100
206 31.7 25.8 38.6
141 62.3 51.4 77.0

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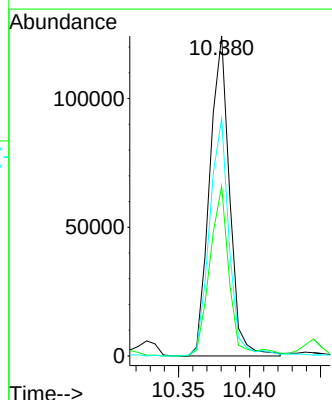
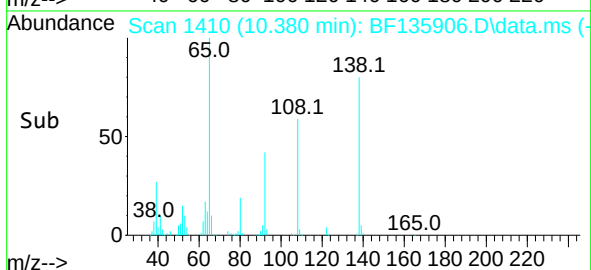
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023

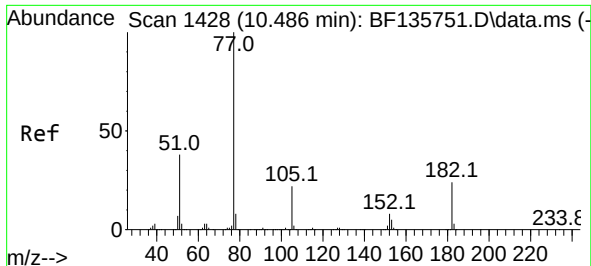


#62
4-Nitroaniline
Concen: 41.176 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59



Tgt Ion:138 Resp: 120926
Ion Ratio Lower Upper
138 100
92 53.1 31.9 71.9
108 74.2 49.7 89.7





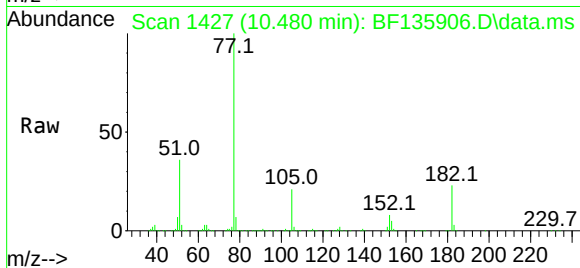
#63
Azobenzene
Concen: 41.051 ng
RT: 10.480 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS



Tgt Ion: 77 Resp: 493000
Ion Ratio Lower Upper
77 100
182 23.2 3.5 43.5
105 21.4 2.2 42.2
51 36.0 18.0 58.0

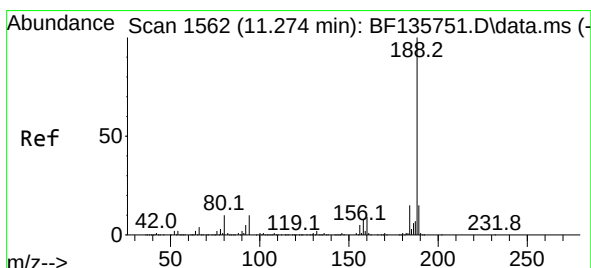
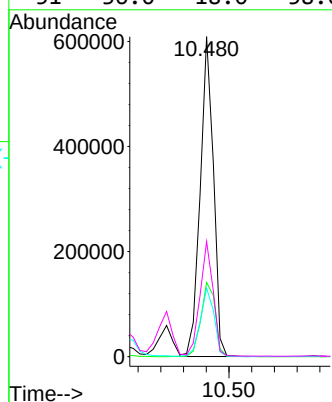
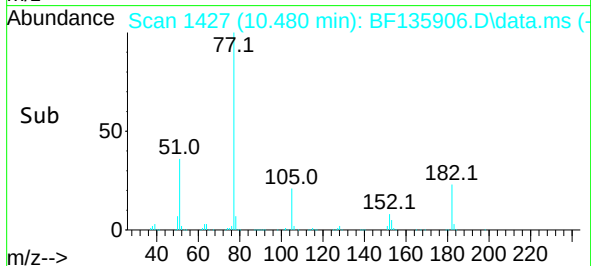
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

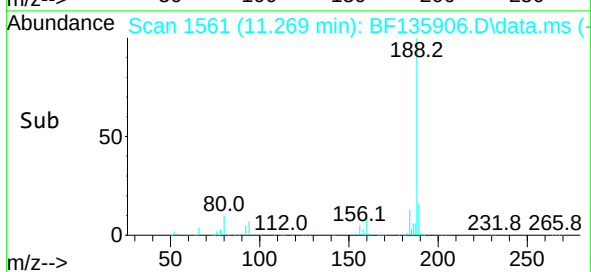
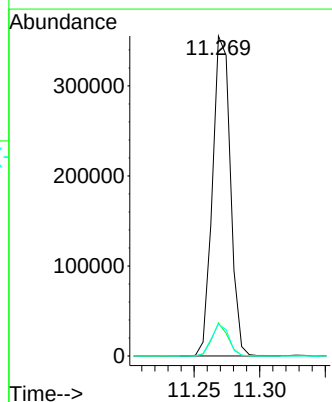
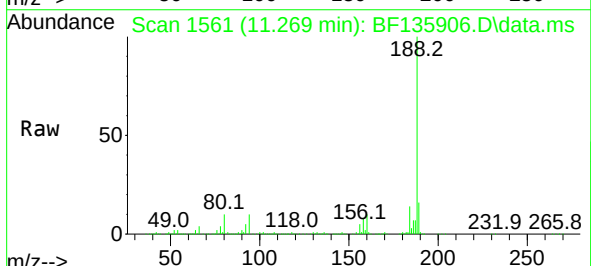
Supervised By :mohammad

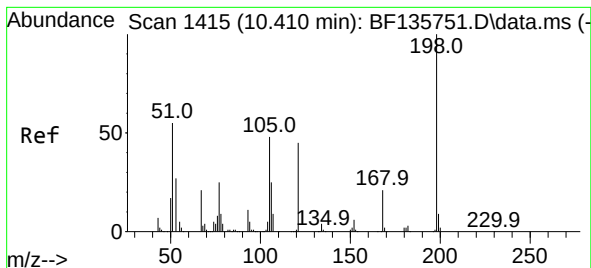
ahmed 10/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Tgt Ion:188 Resp: 338414
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 9.9 8.3 12.5





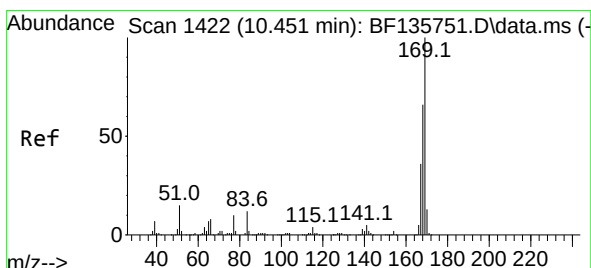
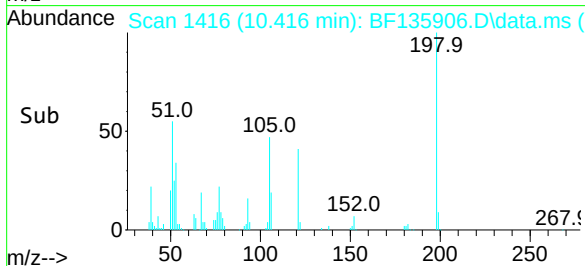
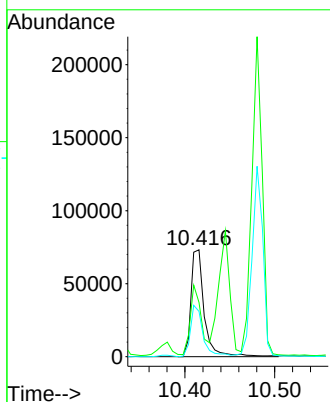
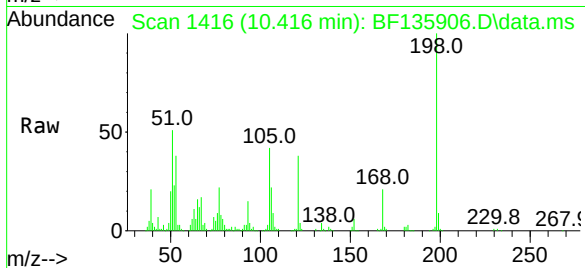
#65
4,6-Dinitro-2-methylphenol
Concen: 44.184 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :
BNA_F
ClientSampleId :
PB156209BS

Tgt Ion:198 Resp: 7525
Ion Ratio Lower Upper
198 100
51 50.7 47.6 87.6
105 42.4 29.2 69.2

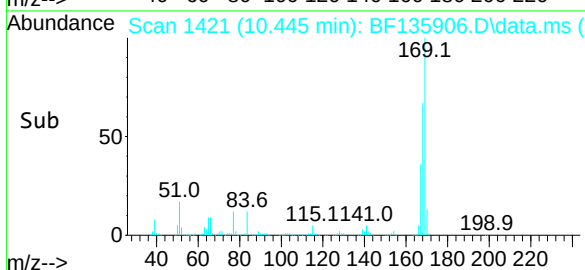
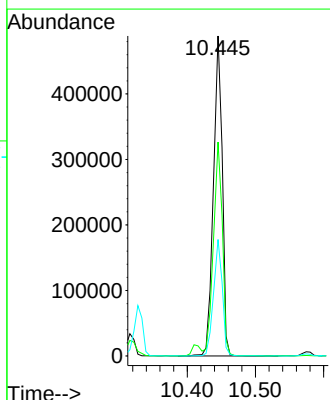
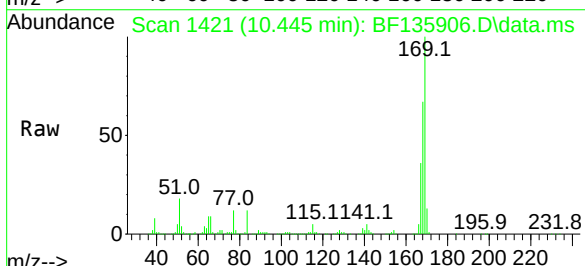
Manual Integrations
APPROVED

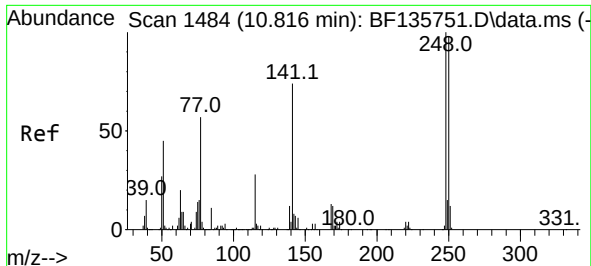
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023



#66
n-Nitrosodiphenylamine
Concen: 42.792 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

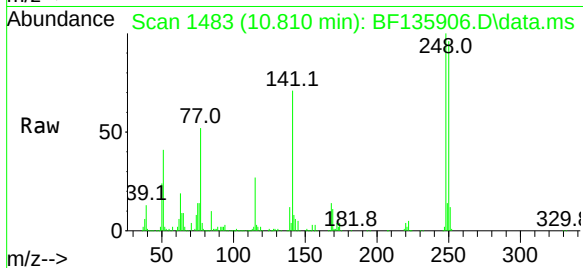
Tgt Ion:169 Resp: 441387
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 36.4 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 45.307 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

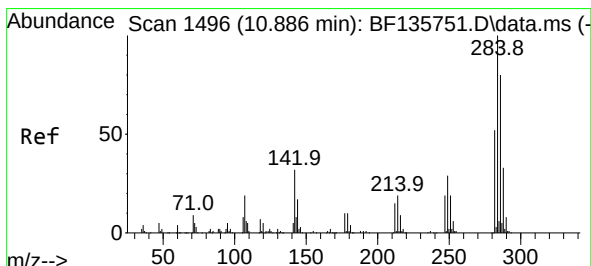
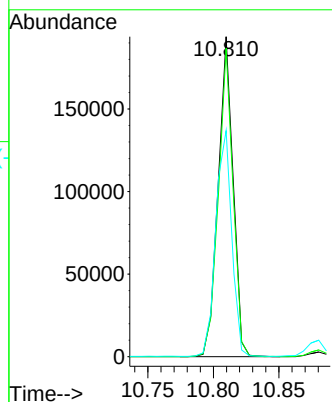
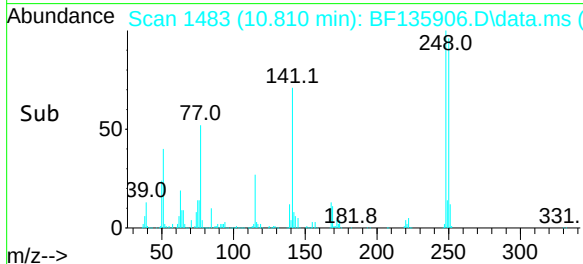
Instrument :
BNA_F
ClientSampleId :
PB156209BS



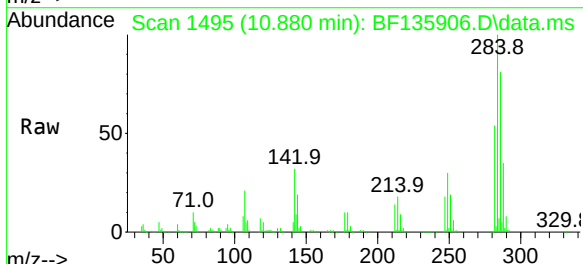
Tgt Ion:248 Resp: 15391
Ion Ratio Lower Upper
248 100
250 96.4 78.0 117.0
141 70.7 59.0 88.6

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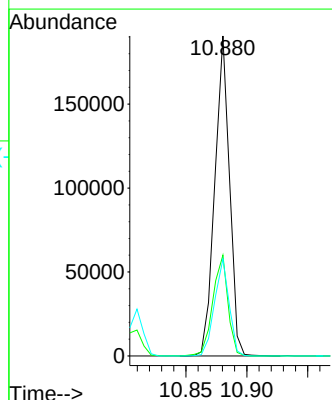
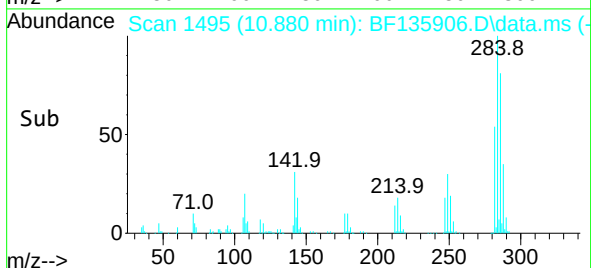
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023

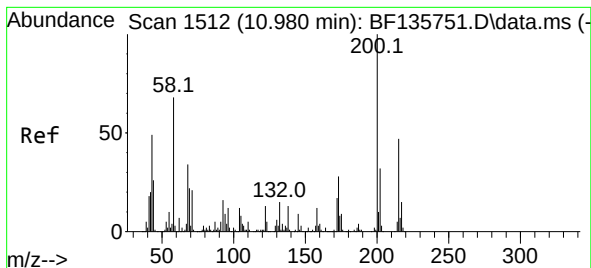


#68
Hexachlorobenzene
Concen: 46.087 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59



Tgt Ion:284 Resp: 159397
Ion Ratio Lower Upper
284 100
142 31.5 25.3 37.9
249 30.3 23.5 35.3





#69

Atrazine

Concen: 49.798 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.006 min

Lab File: BF135906.D

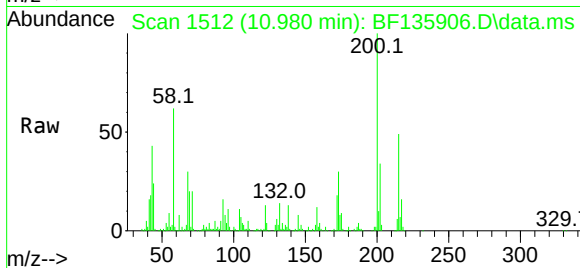
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS



Tgt Ion:200 Resp: 139715

Ion	Ratio	Lower	Upper
200	100		
173	29.7	7.6	47.6
215	49.0	27.1	67.1

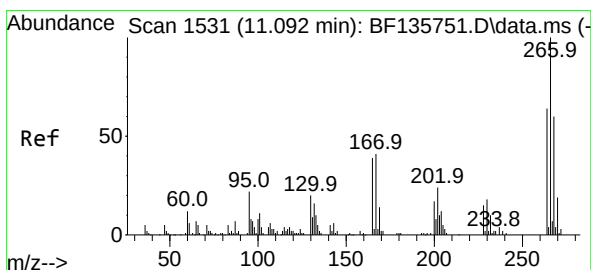
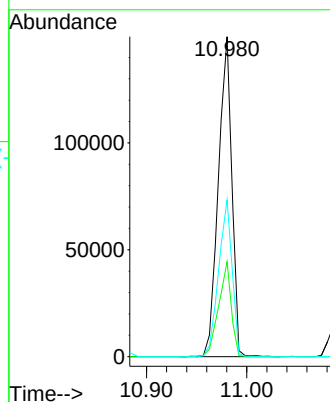
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad

ahmed 10/21/2023



#70

Pentachlorophenol

Concen: 74.611 ng

RT: 11.086 min Scan# 1530

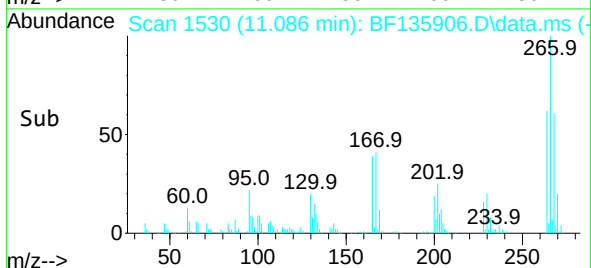
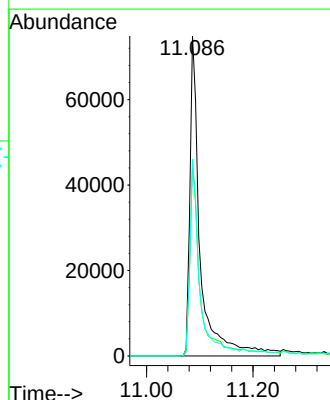
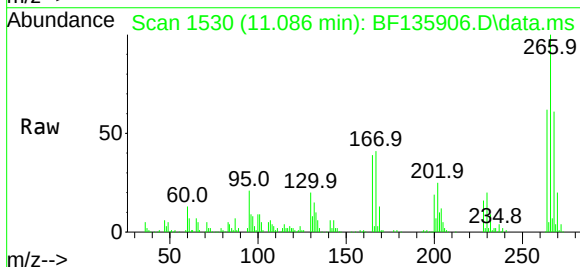
Delta R.T. -0.006 min

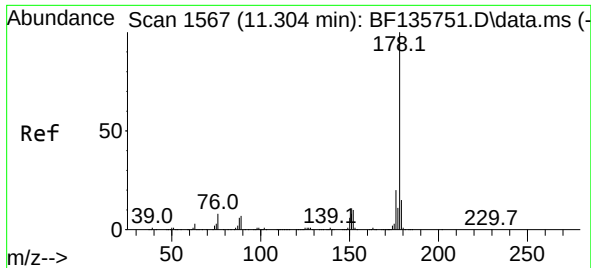
Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

Tgt Ion:266 Resp: 101777

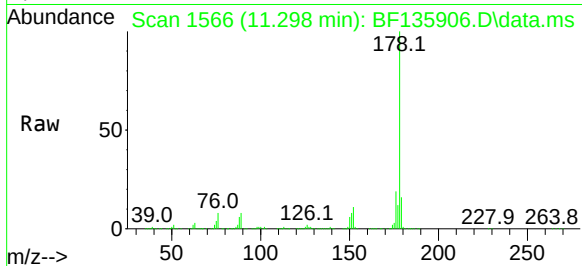
Ion	Ratio	Lower	Upper
266	100		
268	60.6	47.7	71.5
264	61.6	51.4	77.2





#71
Phenanthrene
Concen: 43.296 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

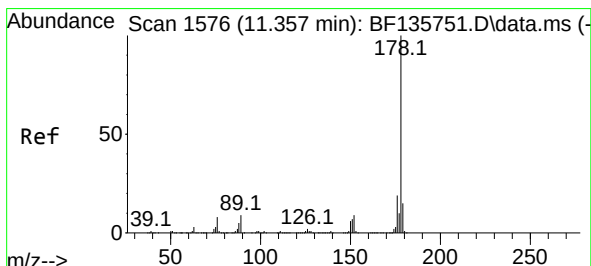
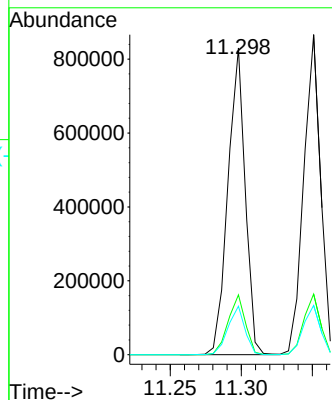
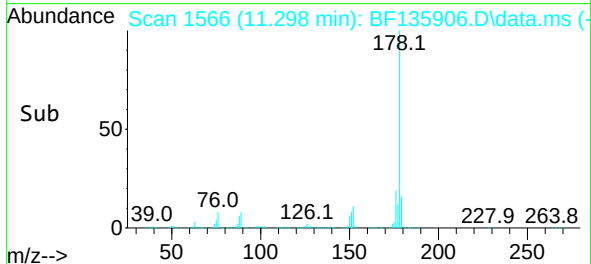
Instrument :
BNA_F
ClientSampleId :
PB156209BS



Tgt Ion:178 Resp: 701900
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.8 12.2 18.4

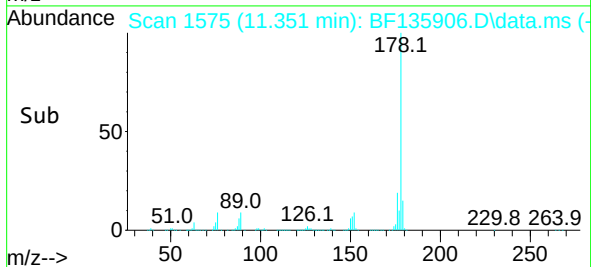
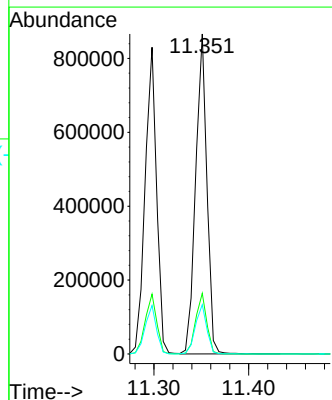
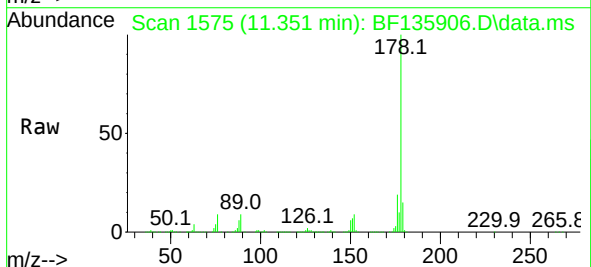
Manual Integrations
APPROVED

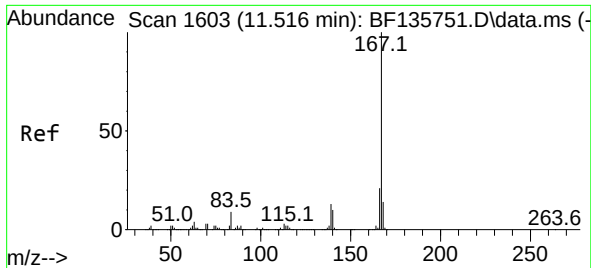
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023



#72
Anthracene
Concen: 42.735 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

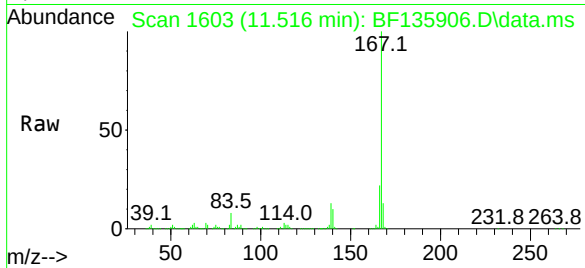
Tgt Ion:178 Resp: 717910
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.4 12.3 18.5





#73
 Carbazole
 Concen: 46.218 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF135906.D
 Acq: 20 Oct 2023 13:59

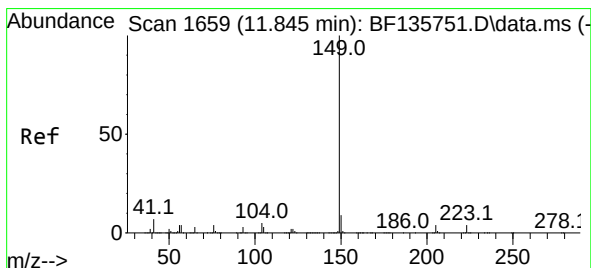
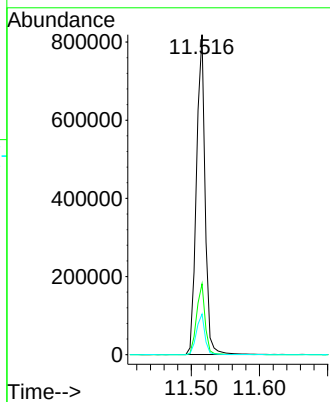
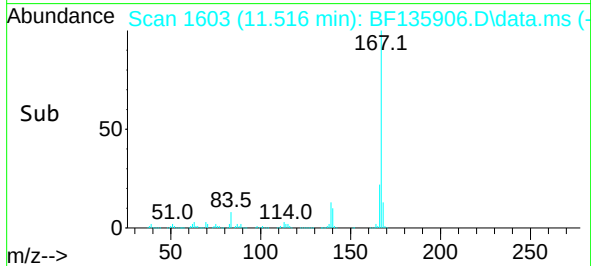
Instrument :
 BNA_F
 ClientSampleId :
 PB156209BS



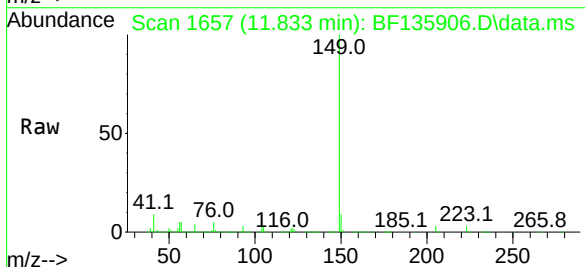
Tgt Ion:167 Resp: 724111
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.1 25.7
 139 12.7 10.2 15.4

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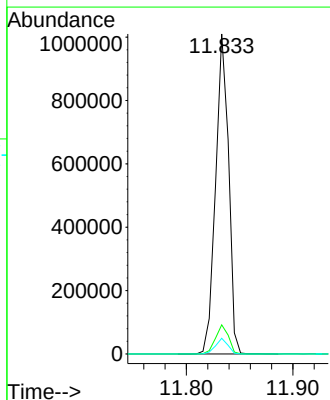
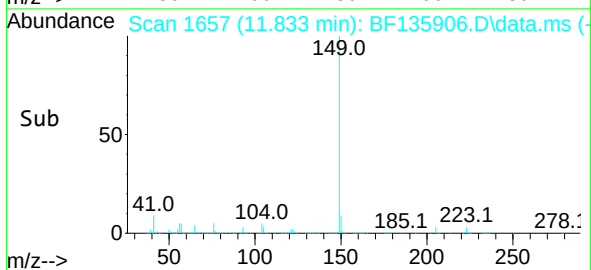
Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad
 ahmed 10/21/2023

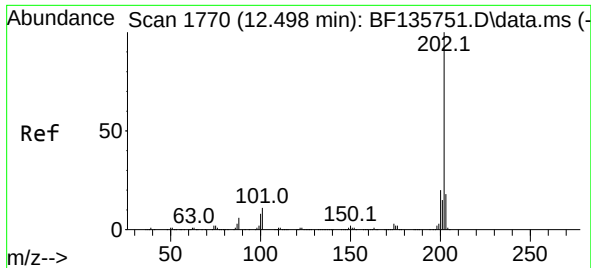


#74
 Di-n-butylphthalate
 Concen: 44.219 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. -0.012 min
 Lab File: BF135906.D
 Acq: 20 Oct 2023 13:59



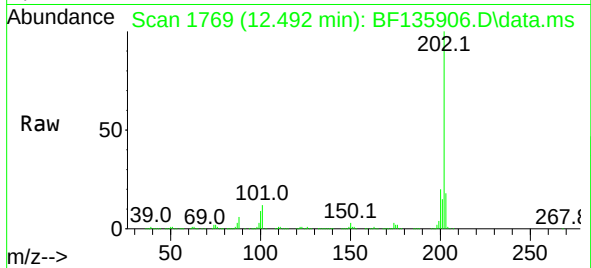
Tgt Ion:149 Resp: 850607
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 3.7 5.5





#75
Fluoranthene
Concen: 44.674 ng
RT: 12.492 min Scan# 1769
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

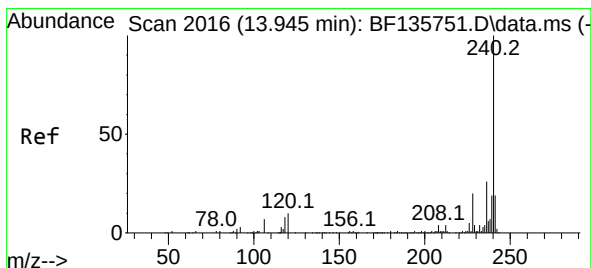
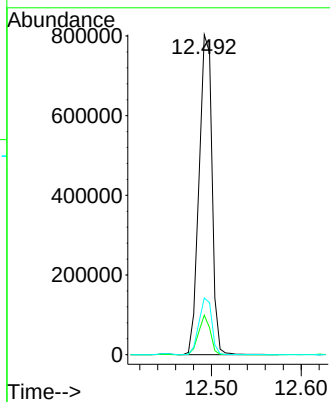
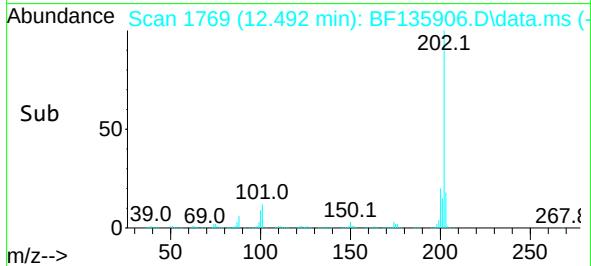
Instrument :
BNA_F
ClientSampleId :
PB156209BS



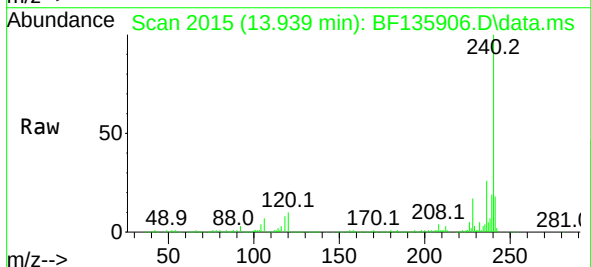
Tgt Ion:202 Resp: 803808
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.5
203 17.7 0.0 38.3

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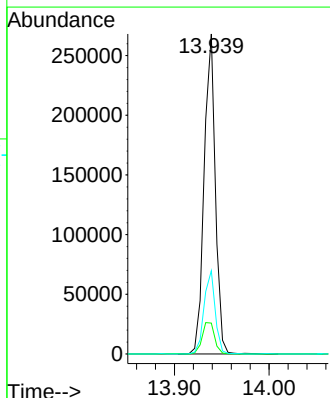
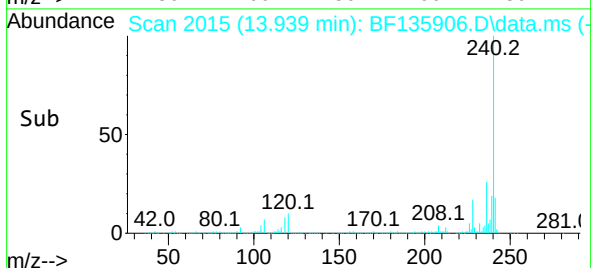
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023

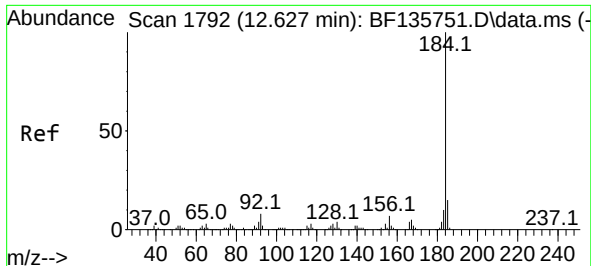


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59



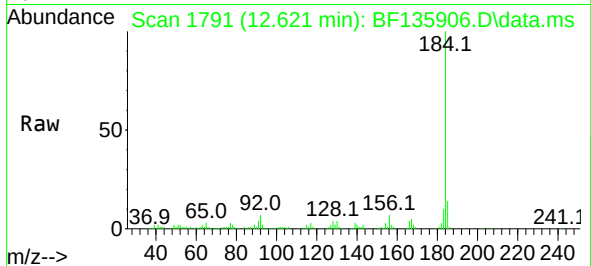
Tgt Ion:240 Resp: 219595
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 26.0 21.2 31.8





#77
Benzidine
Concen: 27.633 ng
RT: 12.621 min Scan# 1791
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

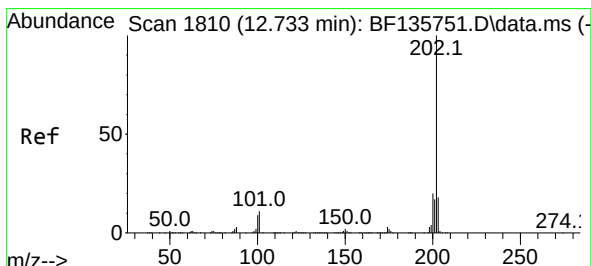
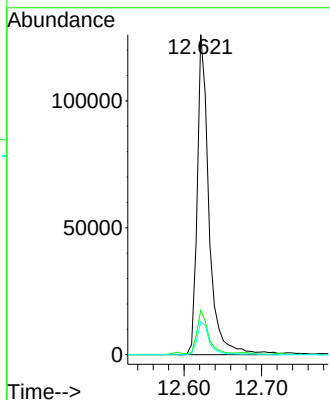
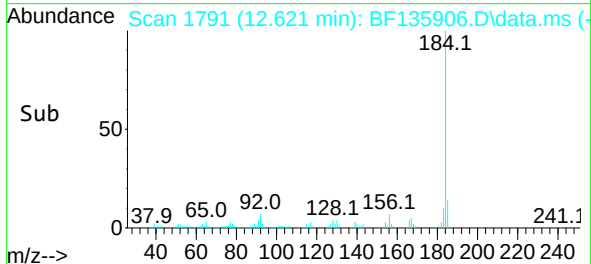
Instrument :
BNA_F
ClientSampleId :
PB156209BS



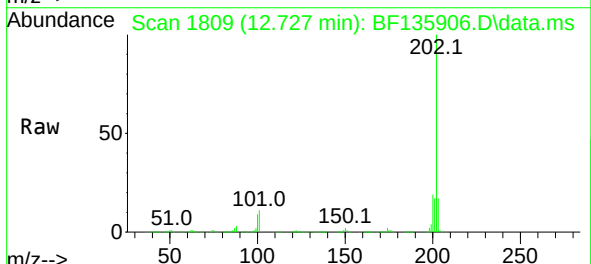
Tgt Ion:184 Resp: 132409
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 10.3 8.2 12.2

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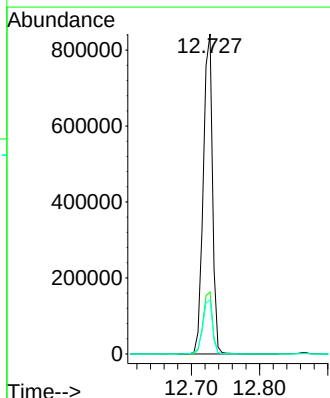
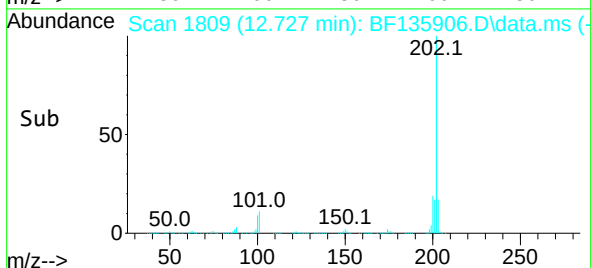
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023

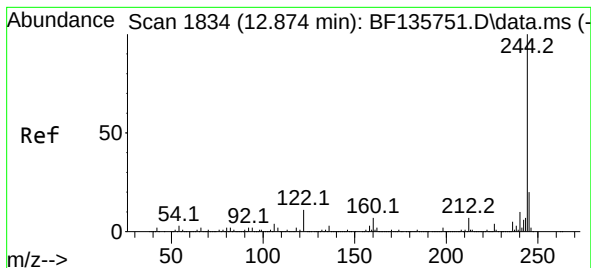


#78
Pyrene
Concen: 45.508 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59



Tgt Ion:202 Resp: 794131
Ion Ratio Lower Upper
202 100
200 19.4 16.1 24.1
203 16.9 14.2 21.2





#79

Terphenyl-d14

Concen: 89.071 ng

RT: 12.868 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS

Tgt Ion:244 Resp: 1056184

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.7 9.0 13.6

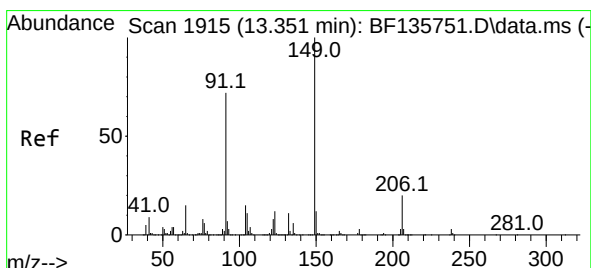
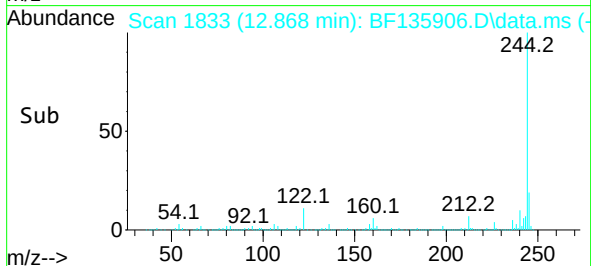
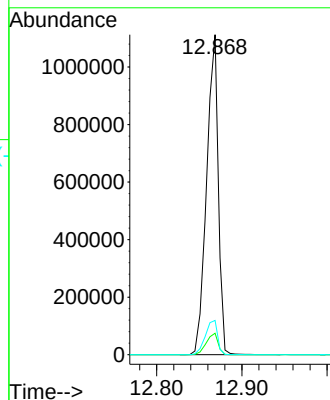
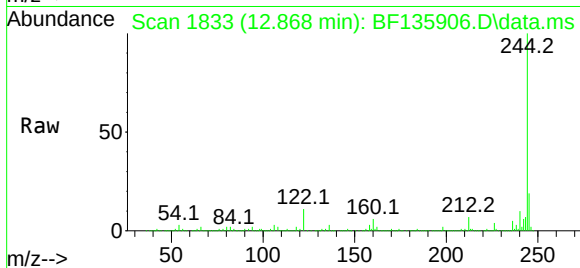
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad

ahmed 10/21/2023



#80

Butylbenzylphthalate

Concen: 45.268 ng

RT: 13.345 min Scan# 1914

Delta R.T. -0.012 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

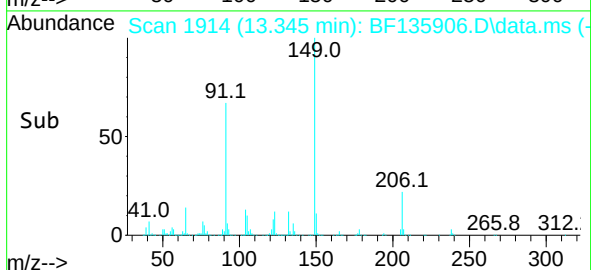
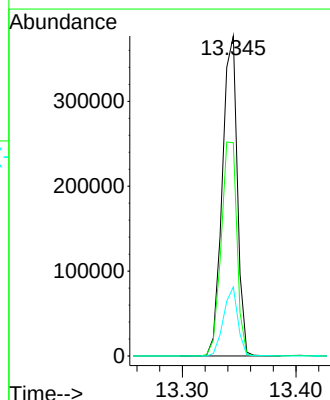
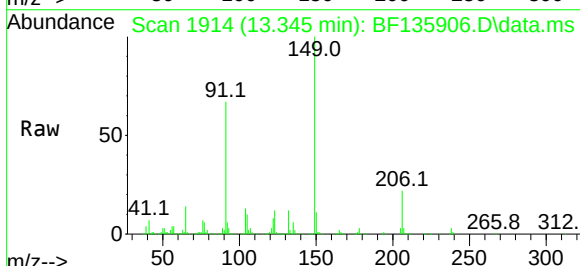
Tgt Ion:149 Resp: 347129

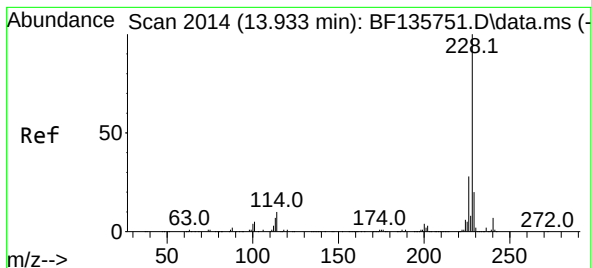
Ion Ratio Lower Upper

149 100

91 66.7 57.4 86.0

206 21.5 16.2 24.4





#81

Benzo(a)anthracene

Concen: 44.634 ng

RT: 13.927 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF135906.D

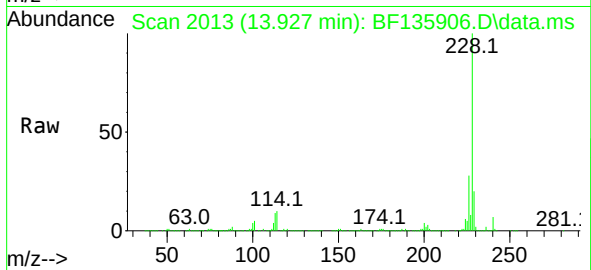
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS



Tgt Ion:228 Resp: 643800

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.2

229 20.0 16.1 24.1

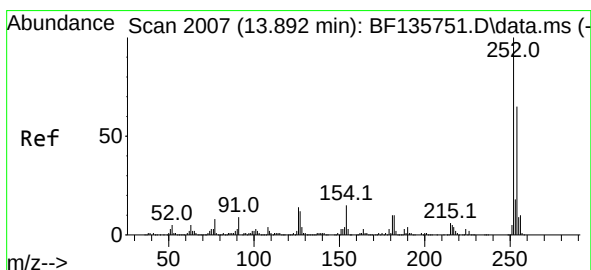
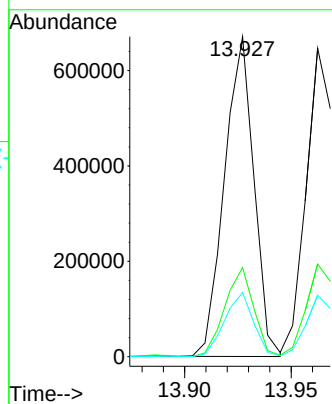
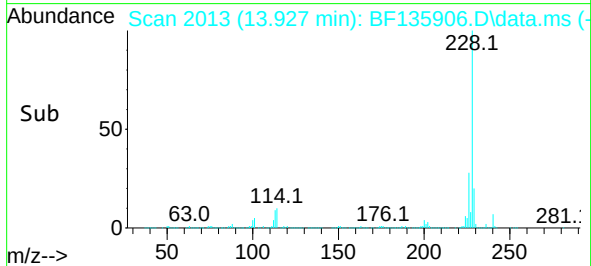
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad

ahmed 10/21/2023



#82

3,3'-Dichlorobenzidine

Concen: 33.843 ng

RT: 13.886 min Scan# 2006

Delta R.T. -0.012 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

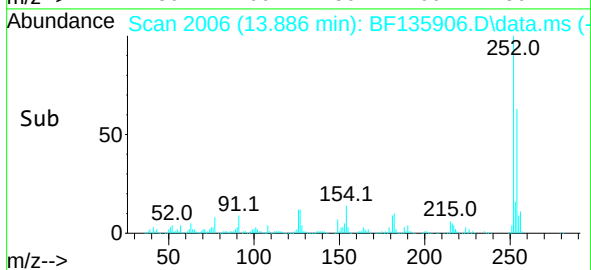
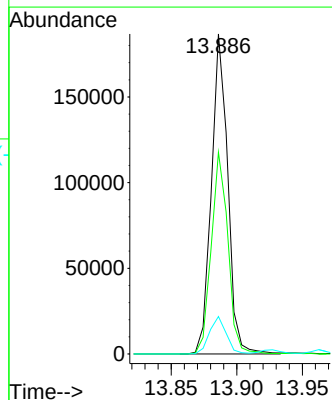
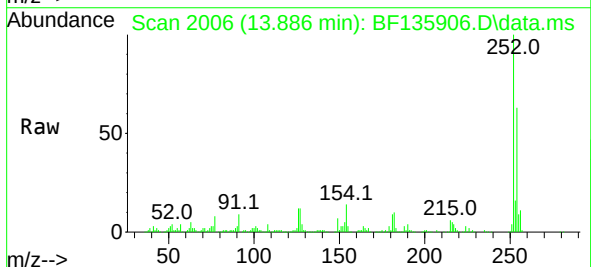
Tgt Ion:252 Resp: 161895

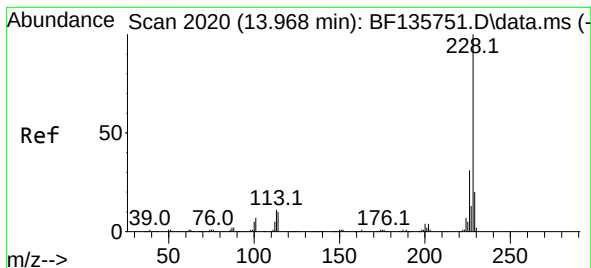
Ion Ratio Lower Upper

252 100

254 63.0 51.8 77.6

126 11.7 11.0 16.4





#83

Chrysene

Concen: 42.446 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135906.D

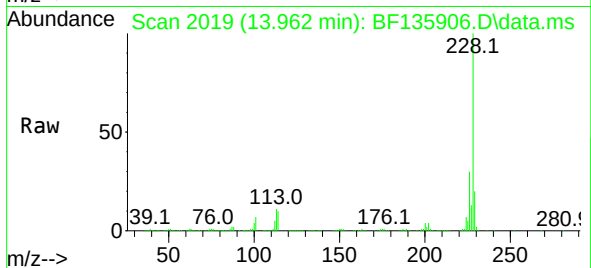
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS



Tgt Ion:228 Resp: 592990

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.9 15.7 23.5

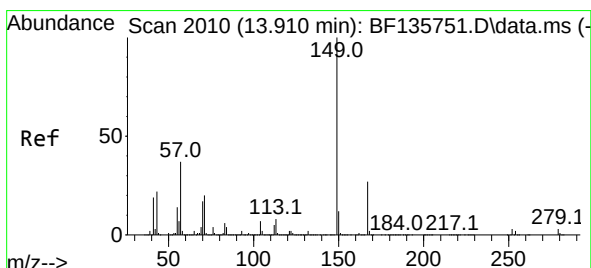
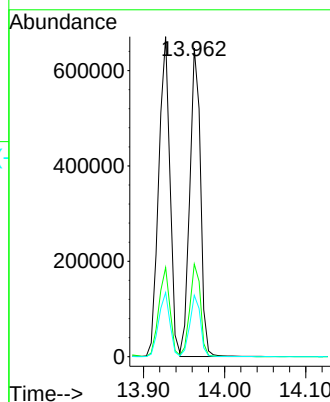
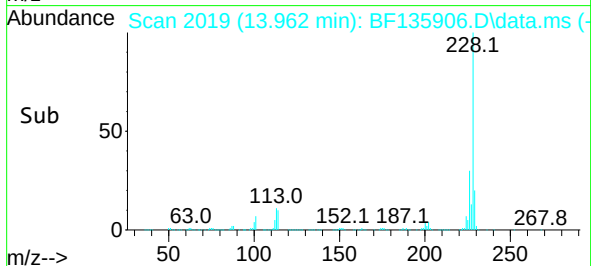
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad

ahmed 10/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.750 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

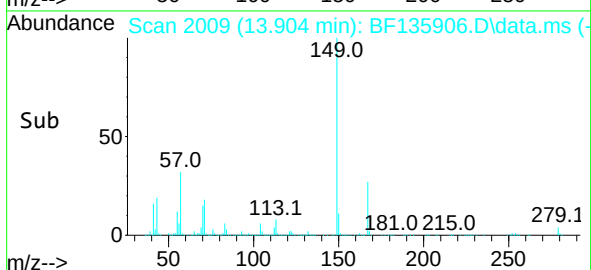
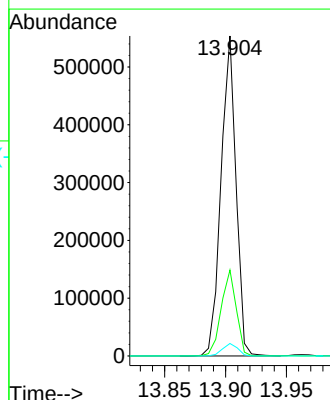
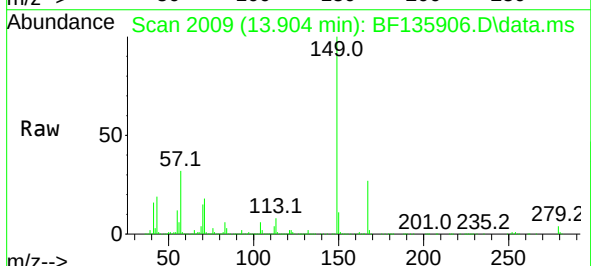
Tgt Ion:149 Resp: 475483

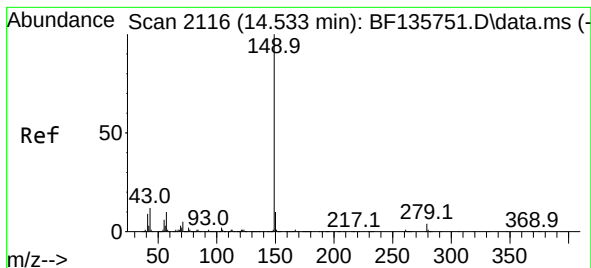
Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

279 3.9 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 43.877 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.012 min

Lab File: BF135906.D

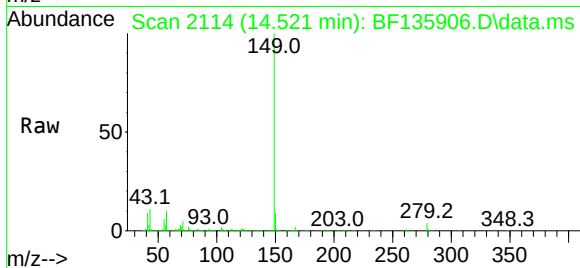
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS



Tgt Ion:149 Resp: 72310

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.8 10.1 15.1

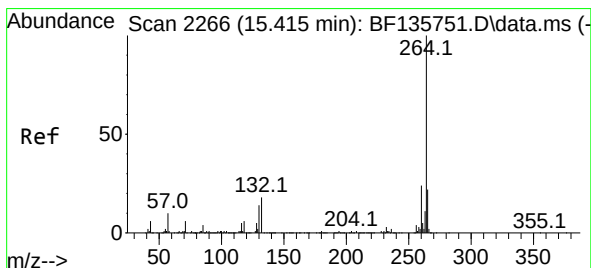
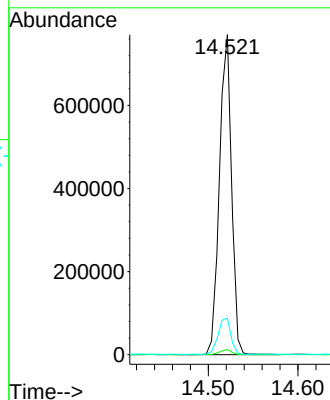
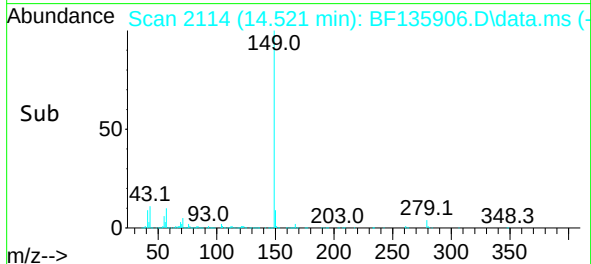
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad

ahmed 10/21/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF135906.D

Acq: 20 Oct 2023 13:59

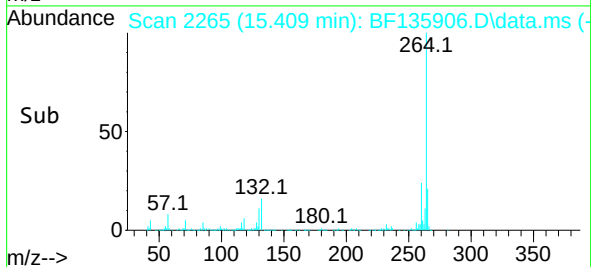
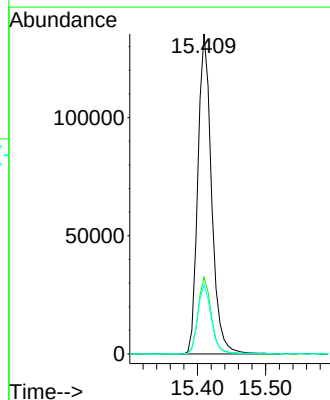
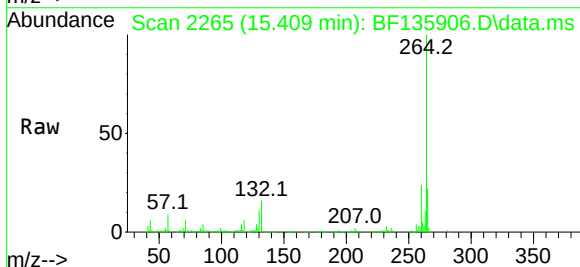
Tgt Ion:264 Resp: 188631

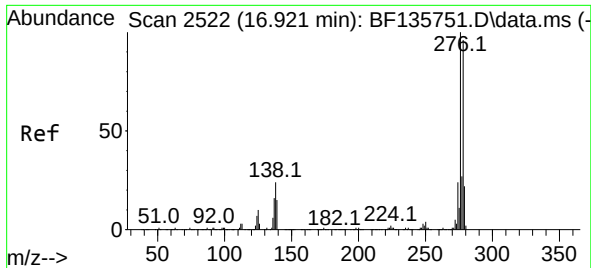
Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.6 17.4 26.2





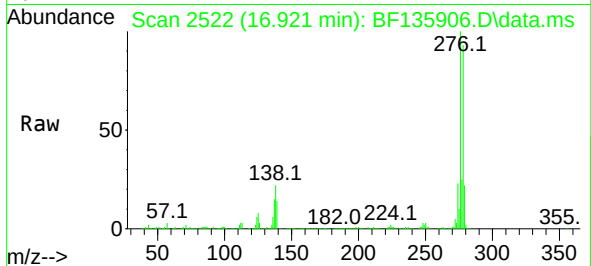
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.060 ng
RT: 16.921 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

ClientSampleId :

PB156209BS



Tgt Ion:276 Resp: 53507
Ion Ratio Lower Upper
276 100
138 23.3 19.8 29.6
277 24.9 20.2 30.4

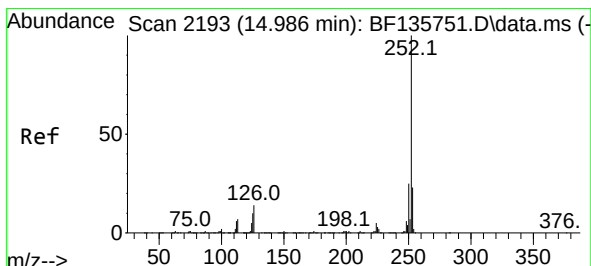
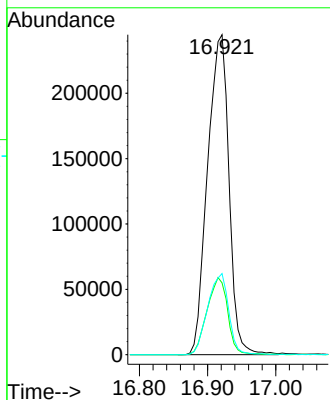
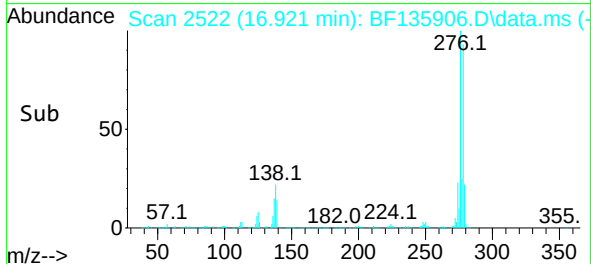
Manual Integrations

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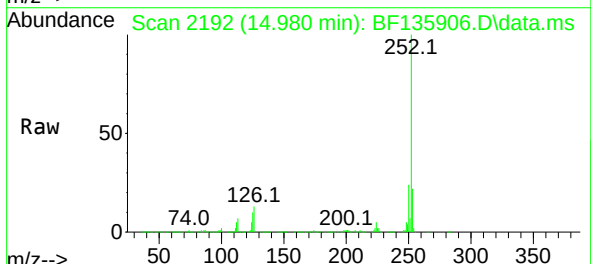
Reviewed By :Yogesh Patel 10/21/2023

Supervised By :mohammad

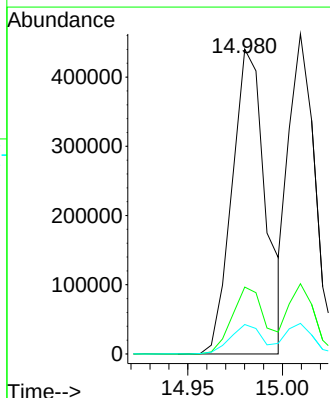
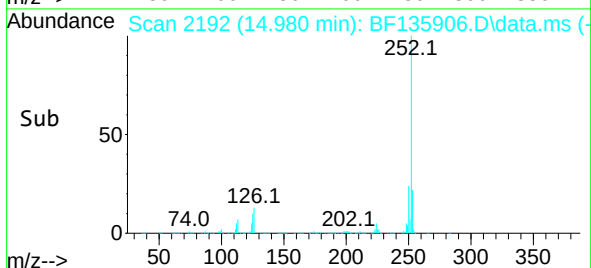
ahmed 10/21/2023

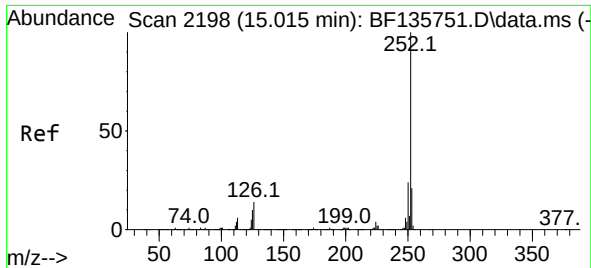


#88
Benzo(b)fluoranthene
Concen: 51.571 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59



Tgt Ion:252 Resp: 544436
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 9.7 8.2 12.2





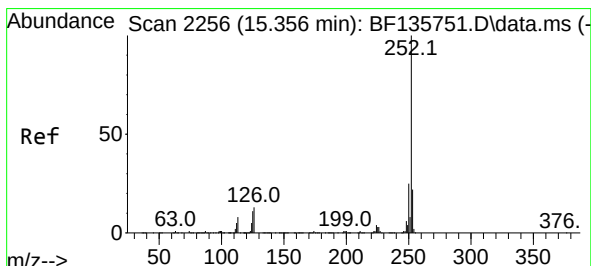
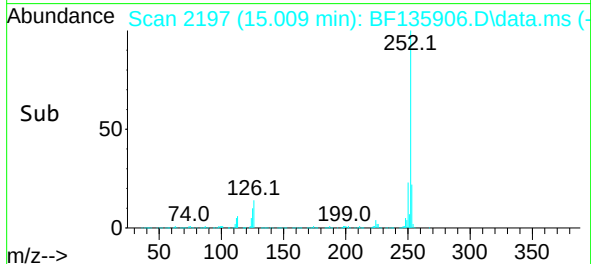
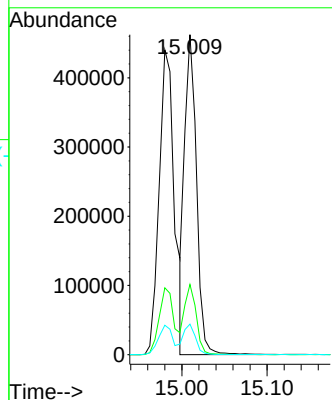
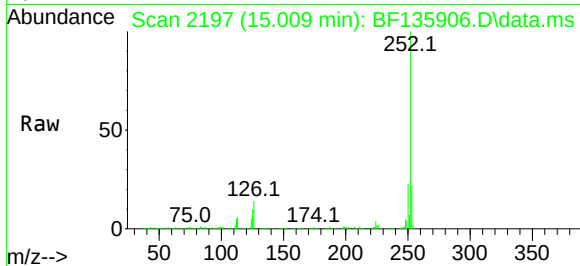
#89
Benzo(k)fluoranthene
Concen: 43.671 ng
RT: 15.009 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :
BNA_F
ClientSampleId :
PB156209BS

Tgt Ion:252 Resp: 44759
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.5 8.3 12.5

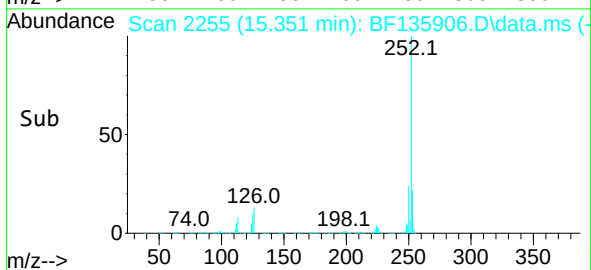
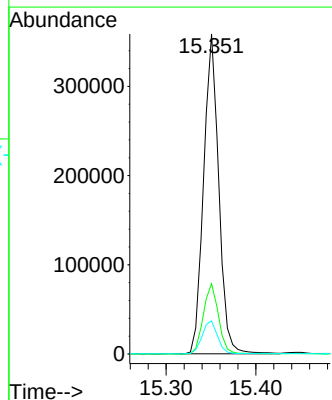
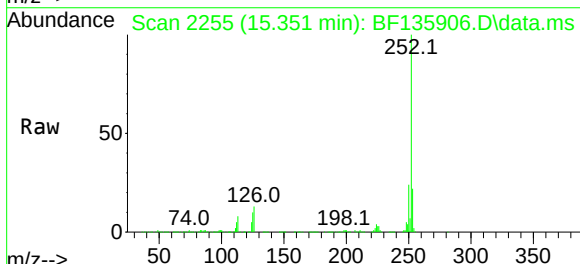
Manual Integrations
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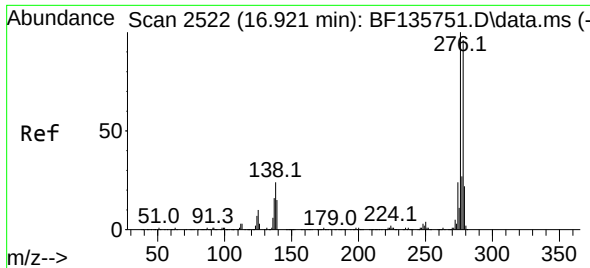
Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad
ahmed 10/21/2023



#90
Benzo(a)pyrene
Concen: 42.356 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.012 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Tgt Ion:252 Resp: 420472
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.3 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 52.517 ng
RT: 16.921 min Scan# 2522
Delta R.T. -0.018 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Instrument :

BNA_F

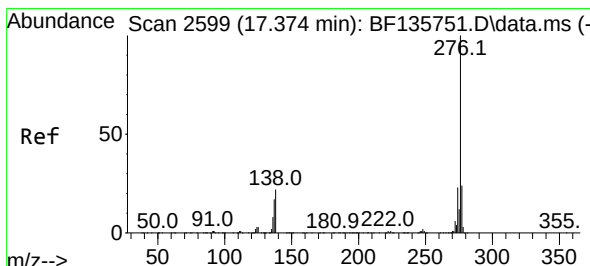
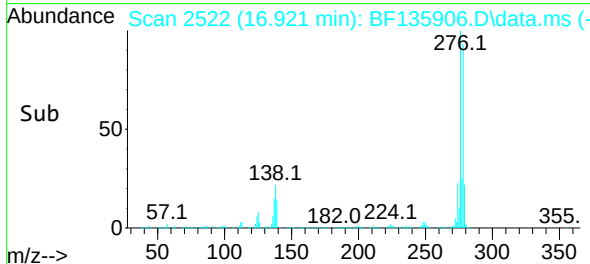
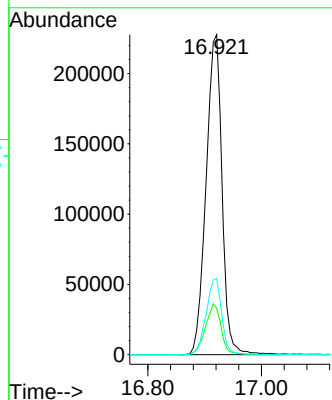
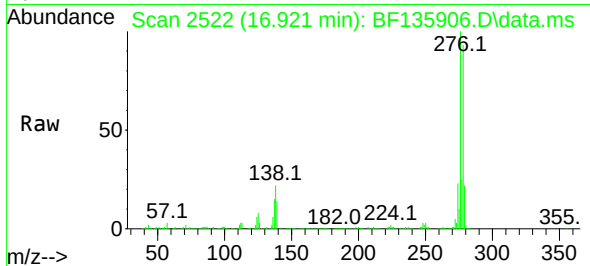
ClientSampleId :

PB156209BS

Tgt Ion:278 Resp: 442498
Ion Ratio Lower Upper
278 100
139 14.6 12.5 18.7
279 23.8 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 49.765 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF135906.D
Acq: 20 Oct 2023 13:59

Tgt Ion:276 Resp: 430717
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.2
138 19.8 17.3 25.9

