

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134037.D
 Acq On : 29 Jun 2023 15:18
 Operator : CG\JU
 Sample : 03357-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAN-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 18:27:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	118328	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	462128	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	240449	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	457822	20.000	ng	0.00
76) Chrysene-d12	14.039	240	243916	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	256635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	748888	105.868	ng	0.02
7) Phenol-d6	6.492	99	882026	101.390	ng	0.00
23) Nitrobenzene-d5	7.416	82	685180	79.923	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	338270	112.205	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1283077	77.582	ng	0.00
79) Terphenyl-d14	12.980	244	1421791	93.813	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	91446	31.352	ng	# 79
3) Pyridine	3.557	79	214861	28.281	ng	95
4) n-Nitrosodimethylamine	3.493	42	166456	38.362	ng	96
6) Aniline	6.516	93	205589	19.421	ng	93
8) 2-Chlorophenol	6.634	128	290430	40.446	ng	98
9) Benzaldehyde	6.404	77	123631	23.043	ng	99
10) Phenol	6.504	94	318185	34.787	ng	95
11) bis(2-Chloroethyl)ether	6.586	93	270416	40.157	ng	99
12) 1,3-Dichlorobenzene	6.786	146	293241	38.305	ng	98
13) 1,4-Dichlorobenzene	6.863	146	302938	39.178	ng	99
14) 1,2-Dichlorobenzene	7.016	146	287260	39.667	ng	100
15) Benzyl Alcohol	6.992	79	281187	41.928	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	460485	38.653	ng	97
17) 2-Methylphenol	7.104	107	238506	37.091	ng	97
18) Hexachloroethane	7.351	117	116894	40.771	ng	92
19) n-Nitroso-di-n-propyla...	7.263	70	215747	39.107	ng	96
20) 3+4-Methylphenols	7.257	107	298366	38.248	ng	93
22) Acetophenone	7.257	105	416819	39.659	ng	98
24) Nitrobenzene	7.434	77	332255	38.353	ng	98
25) Isophorone	7.669	82	595653	38.230	ng	98
26) 2-Nitrophenol	7.745	139	165155	39.740	ng	96
27) 2,4-Dimethylphenol	7.786	122	271023	41.199	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	355752	39.433	ng	98
29) 2,4-Dichlorophenol	7.992	162	259459	39.774	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	261093	38.790	ng	100
31) Naphthalene	8.151	128	852050	38.170	ng	100
32) Benzoic acid	7.869	122	16922m	3.433	ng	
33) 4-Chloroaniline	8.198	127	151389	15.855	ng	99
34) Hexachlorobutadiene	8.263	225	166420	39.195	ng	100
35) Caprolactam	8.569	113	73839m	34.378	ng	
36) 4-Chloro-3-methylphenol	8.692	107	287648	39.252	ng	96
37) 2-Methylnaphthalene	8.845	142	588357	37.272	ng	100
38) 1-Methylnaphthalene	8.939	142	549555	37.449	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	276848	38.863	ng	98
41) Hexachlorocyclopentadiene	8.992	237	258410	76.461	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	189468	39.070	ng	98

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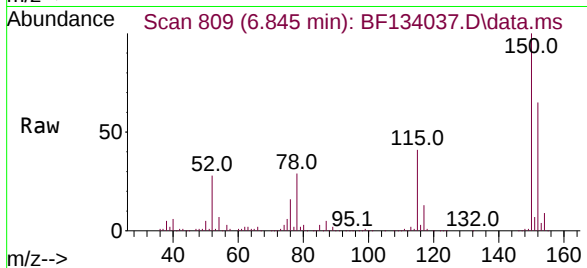
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	199480	34.971	ng	99
46) 1,1'-Biphenyl	9.310	154	751565	38.966	ng	98
47) 2-Chloronaphthalene	9.333	162	522751	37.042	ng	97
48) 2-Nitroaniline	9.433	65	198013	38.500	ng	96
49) Acenaphthylene	9.751	152	937887	38.905	ng	99
50) Dimethylphthalate	9.610	163	699009	40.048	ng	100
51) 2,6-Dinitrotoluene	9.675	165	151156	40.208	ng	# 87
52) Acenaphthene	9.922	154	554736	39.657	ng	100
53) 3-Nitroaniline	9.845	138	112868	25.026	ng	98
54) 2,4-Dinitrophenol	9.957	184	17857	11.692	ng	94
55) Dibenzofuran	10.092	168	835874	38.235	ng	97
56) 4-Nitrophenol	10.016	139	189389	60.034	ng	94
57) 2,4-Dinitrotoluene	10.080	165	196223	39.523	ng	92
58) Fluorene	10.439	166	664748	39.084	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	162169	36.042	ng	99
60) Diethylphthalate	10.310	149	713901	39.258	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	323898	39.517	ng	95
62) 4-Nitroaniline	10.463	138	155327	34.174	ng	94
63) Azobenzene	10.592	77	695295	40.421	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	22703	9.096	ng	81
66) n-Nitrosodiphenylamine	10.551	169	591432	40.433	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	201900	41.491	ng	93
68) Hexachlorobenzene	10.986	284	226626	43.863	ng	94
69) Atrazine	11.080	200	189127	46.743	ng	97
70) Pentachlorophenol	11.186	266	116218	37.620	ng	98
71) Phenanthrene	11.410	178	944564	40.983	ng	99
72) Anthracene	11.457	178	966213	40.306	ng	100
73) Carbazole	11.616	167	887570	40.451	ng	99
74) Di-n-butylphthalate	11.945	149	1105469	42.367	ng	99
75) Fluoranthene	12.604	202	962529	38.630	ng	98
77) Benzidine	12.727	184	399790	68.884	ng	99
78) Pyrene	12.833	202	957998	42.203	ng	100
80) Butylbenzylphthalate	13.457	149	378754	44.489	ng	95
81) Benzo(a)anthracene	14.027	228	691751	40.893	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	150035	27.995	ng	99
83) Chrysene	14.068	228	644198	39.318	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	464599	47.493	ng	98
85) Di-n-octyl phthalate	14.639	149	744726	51.811	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	781458	43.883	ng	100
88) Benzo(b)fluoranthene	15.104	252	651650	43.183	ng	99
89) Benzo(k)fluoranthene	15.133	252	614118	39.970	ng	99
90) Benzo(a)pyrene	15.480	252	572497	39.233	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	637852	43.853	ng	100
92) Benzo(g,h,i)perylene	17.562	276	619903	41.328	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

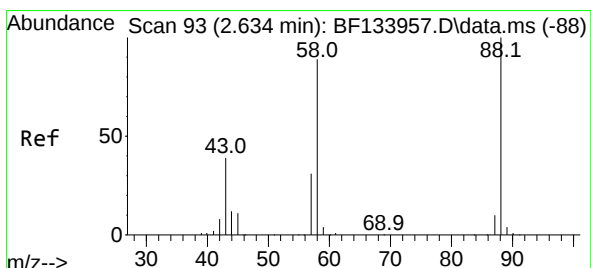
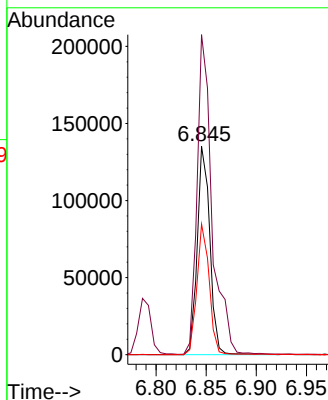
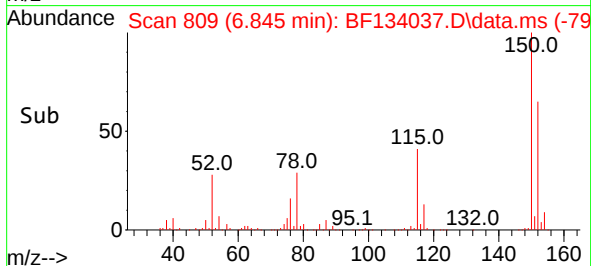
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



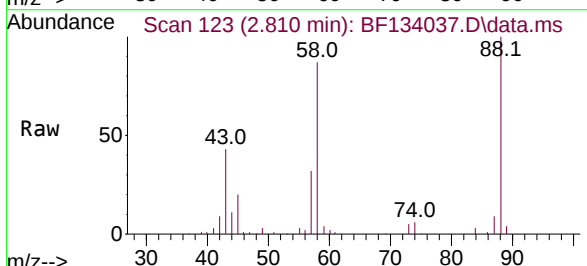
Tgt Ion:152 Resp: 118328
Ion Ratio Lower Upper
152 100
150 153.6 124.5 186.7
115 62.7 50.2 75.2

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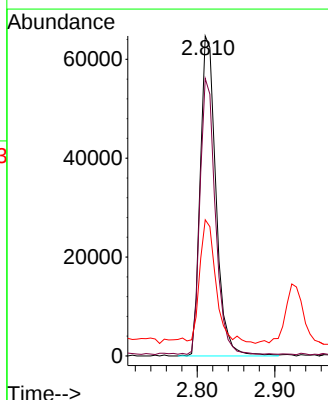
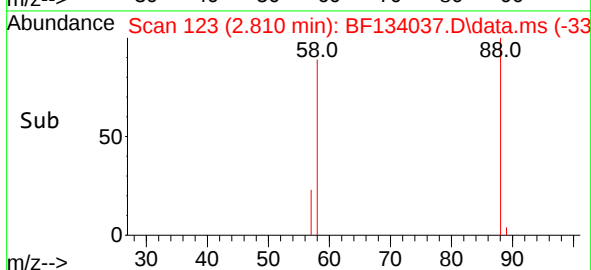
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

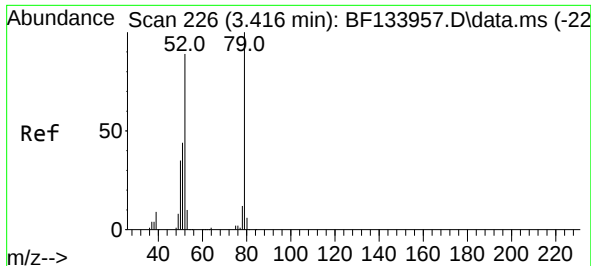


#2
1,4-Dioxane
Concen: 31.352 ng
RT: 2.810 min Scan# 123
Delta R.T. 0.176 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18



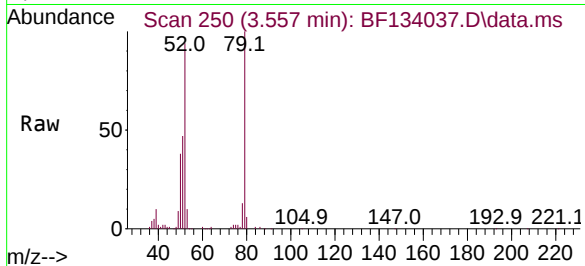
Tgt Ion: 88 Resp: 91446
Ion Ratio Lower Upper
88 100
58 83.7 68.8 103.2
43 0.0 30.7 46.1





#3
Pyridine
Concen: 28.281 ng
RT: 3.557 min Scan# 214
Delta R.T. 0.141 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

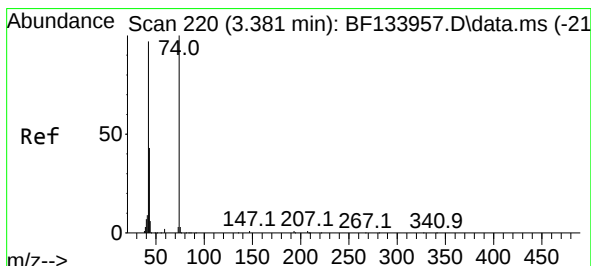
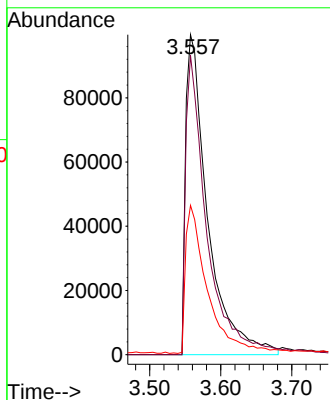
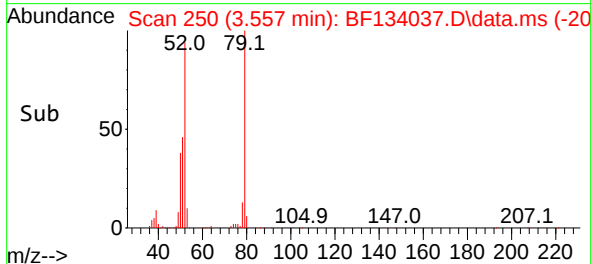
Instrument :
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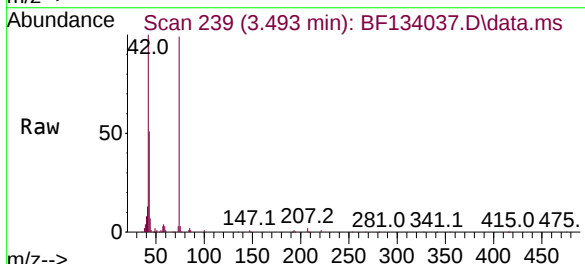
Tgt Ion: 79 Resp: 21486
Ion Ratio Lower Upper
79 100
52 93.5 71.1 106.7
51 46.7 35.2 52.8

Manual Integrations
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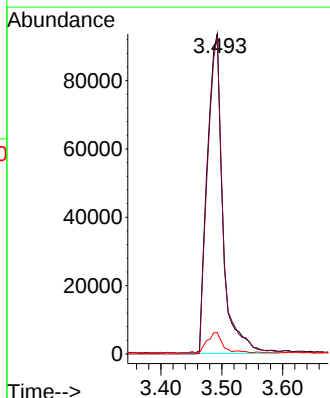
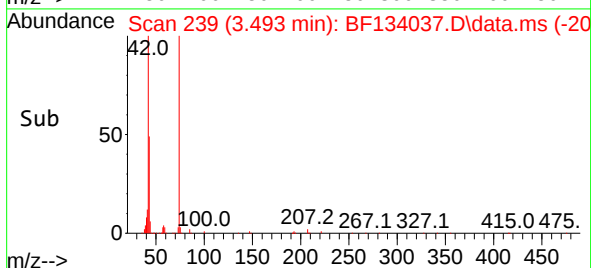
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Supervised By :mohammad ahmed 06/30/2023

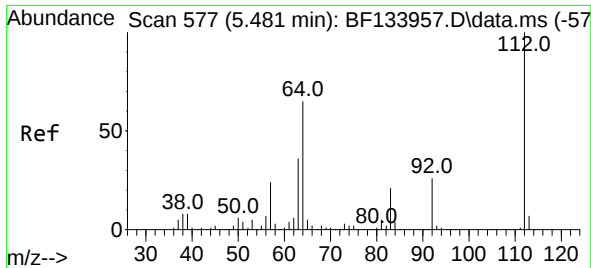


#4
n-Nitrosodimethylamine
Concen: 38.362 ng
RT: 3.493 min Scan# 239
Delta R.T. 0.112 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18



Tgt Ion: 42 Resp: 166456
Ion Ratio Lower Upper
42 100
74 99.2 82.4 123.6
44 6.7 4.9 7.3





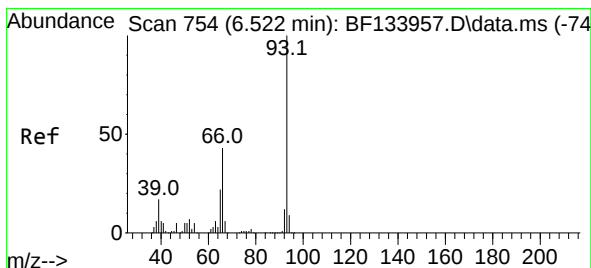
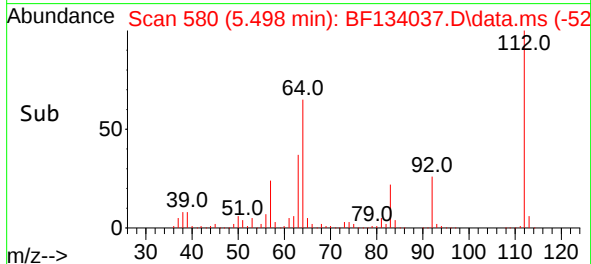
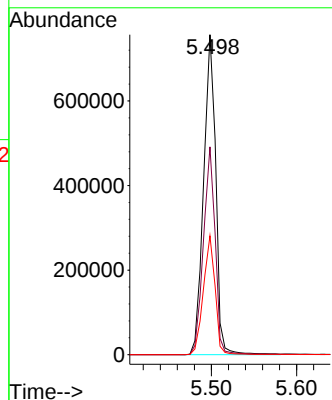
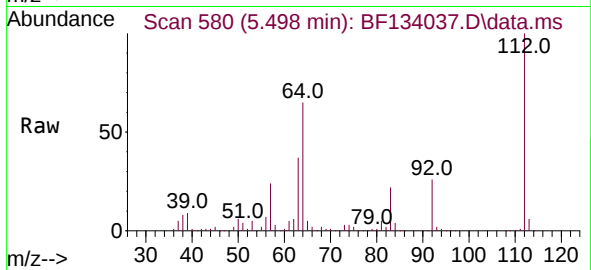
#5
2-Fluorophenol
Concen: 105.868 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Instrument :
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ClientSampleId :
WC-SCAN-01MS

Tgt Ion:112 Resp: 74888
Ion Ratio Lower Upper
112 100
64 65.0 52.1 78.1
63 37.1 28.6 42.8

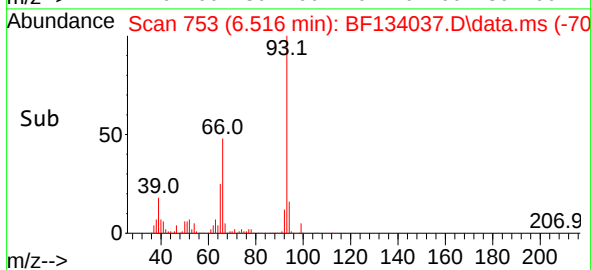
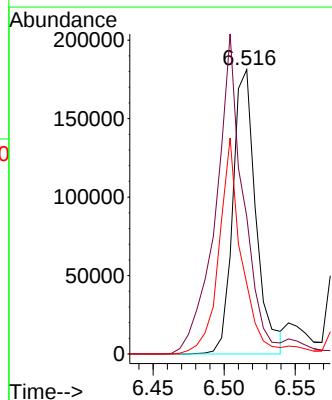
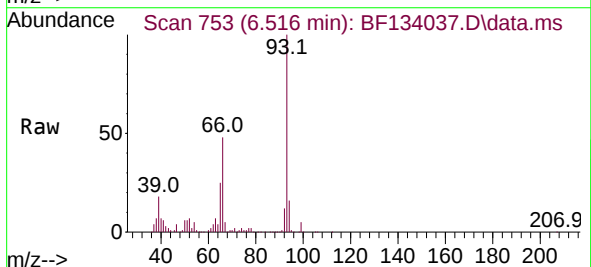
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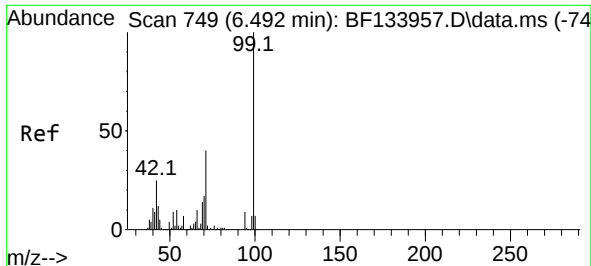
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#6
Aniline
Concen: 19.421 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

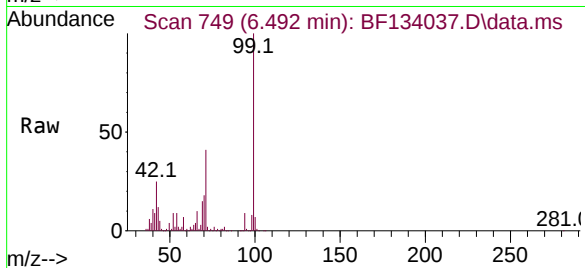
Tgt Ion: 93 Resp: 205589
Ion Ratio Lower Upper
93 100
66 48.3 34.5 51.7
65 24.7 17.8 26.6





#7
Phenol-d6
Concen: 101.390 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

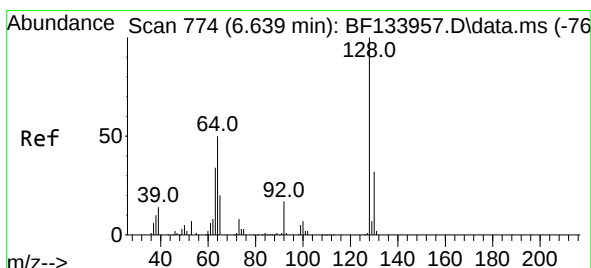
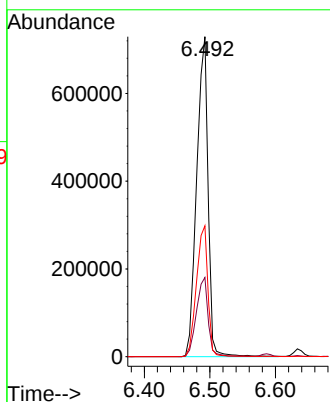
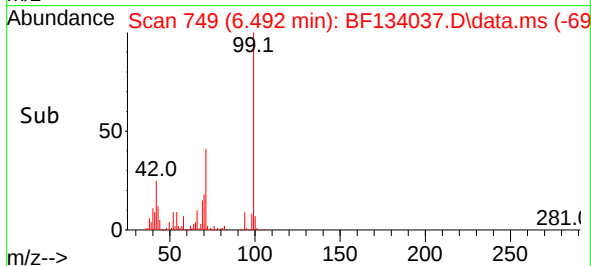
Instrument :
BNA_F
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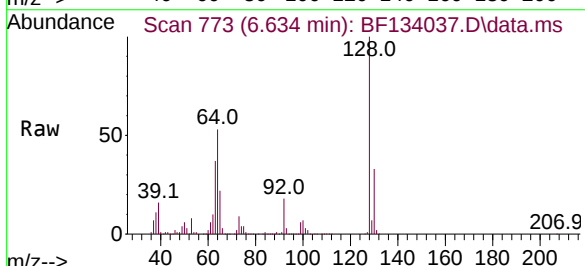
Tgt Ion: 99 Resp: 882020
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.6
71 40.9 31.9 47.9

Manual Integrations
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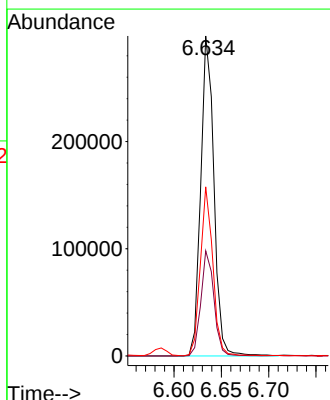
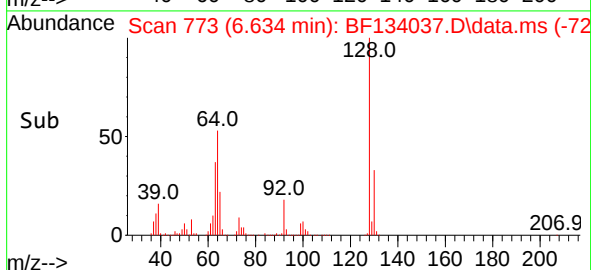
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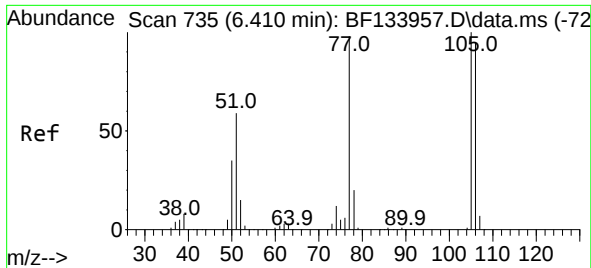


#8
2-Chlorophenol
Concen: 40.446 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134037.D
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Tgt Ion:128 Resp: 290430
Ion Ratio Lower Upper
128 100
130 32.8 11.7 51.7
64 52.9 31.3 71.3





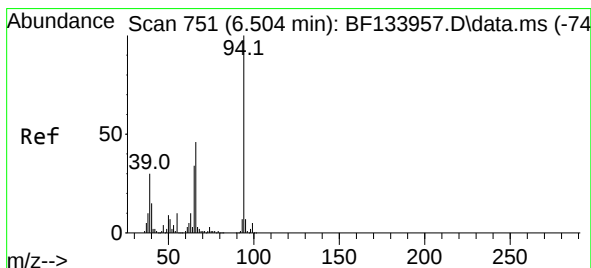
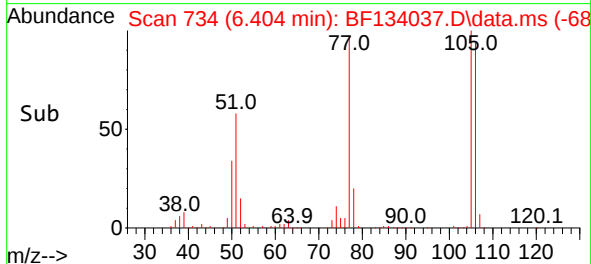
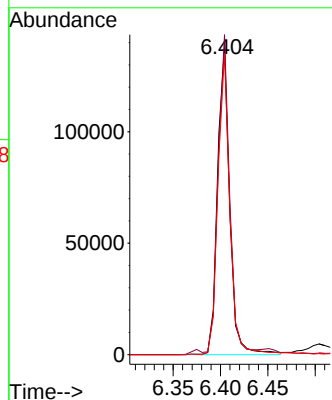
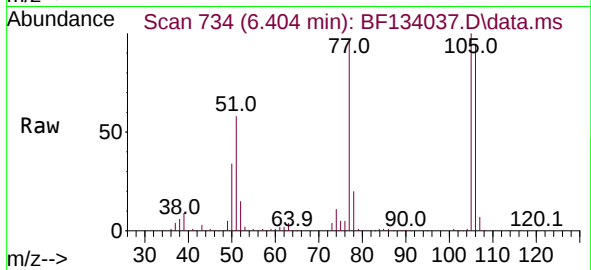
#9
Benzaldehyde
Concen: 23.043 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS

Tgt Ion: 77 Resp: 12363
Ion Ratio Lower Upper
77 100
105 103.6 82.0 122.0
106 97.5 76.9 116.9

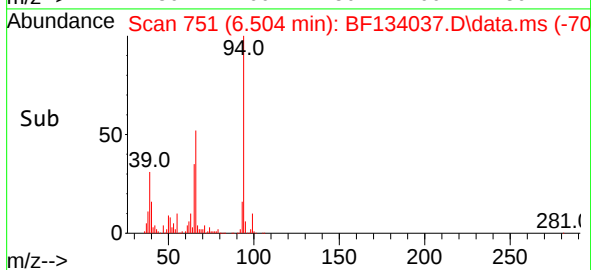
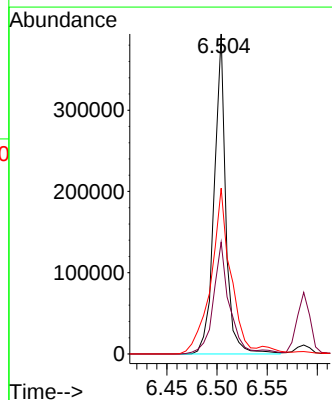
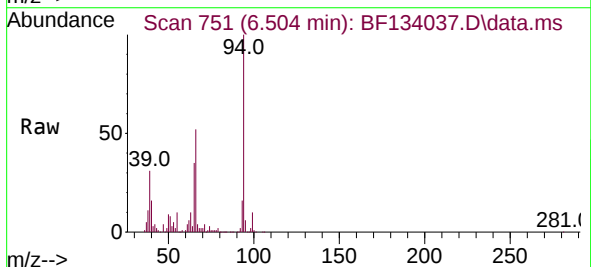
Manual Integrations
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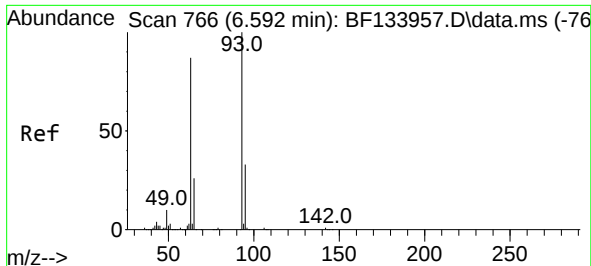
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Phenol
Concen: 34.787 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

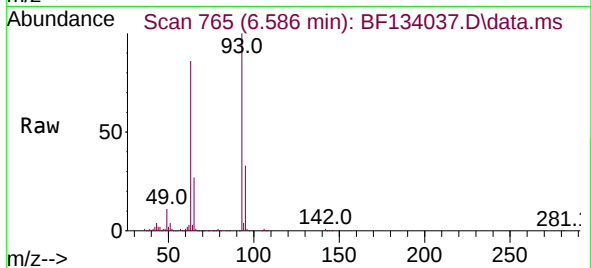
Tgt Ion: 94 Resp: 318185
Ion Ratio Lower Upper
94 100
65 35.0 14.2 54.2
66 51.8 26.4 66.4





#11
bis(2-Chloroethyl)ether
Concen: 40.157 ng
RT: 6.586 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

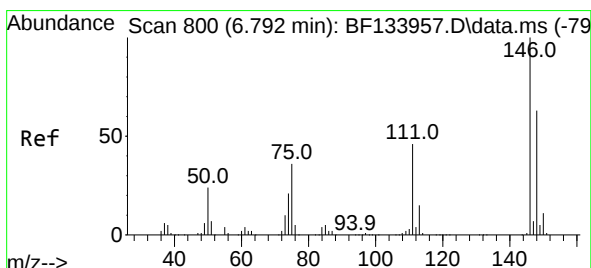
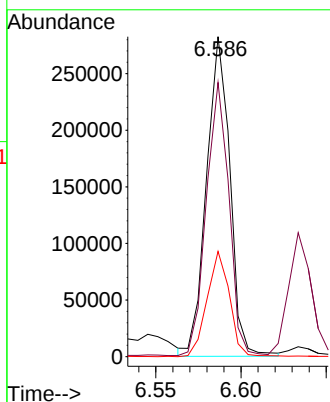
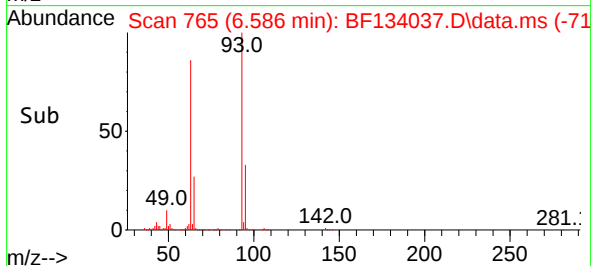
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



Tgt Ion: 93 Resp: 270410
Ion Ratio Lower Upper
93 100
63 85.7 66.5 106.5
95 32.9 12.9 52.9

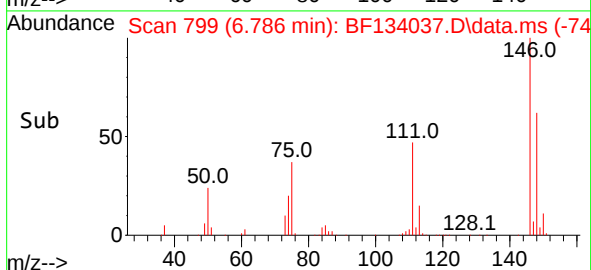
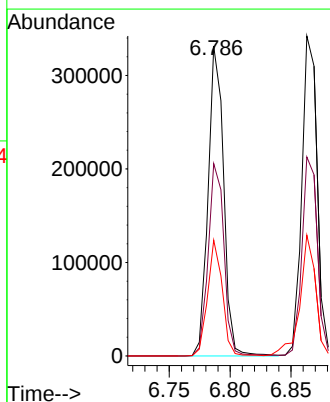
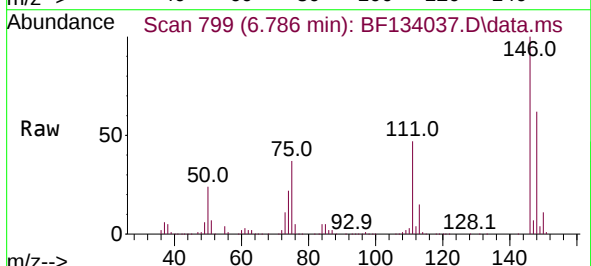
Manual Integrations
APPROVED

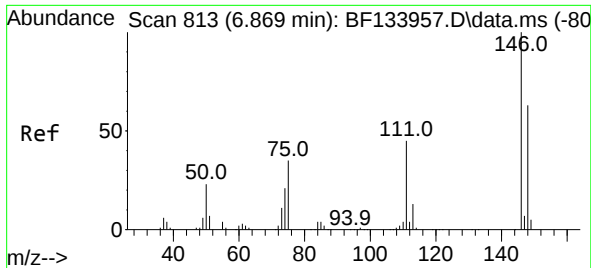
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
1,3-Dichlorobenzene
Concen: 38.305 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Tgt Ion:146 Resp: 293241
Ion Ratio Lower Upper
146 100
148 62.1 50.5 75.7
75 37.4 29.0 43.6





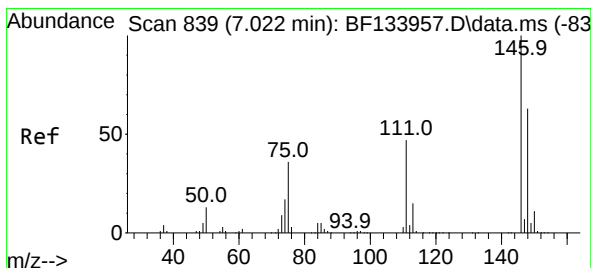
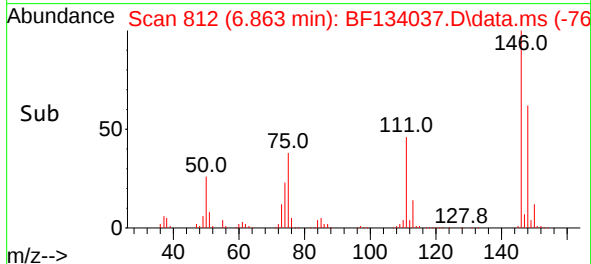
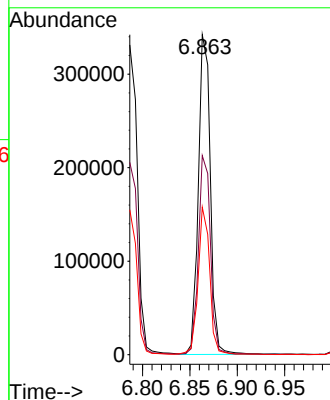
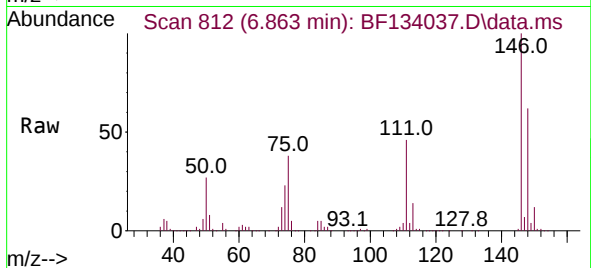
#13
1,4-Dichlorobenzene
Concen: 39.178 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS

Tgt Ion:146 Resp: 302938
Ion Ratio Lower Upper
146 100
148 62.2 50.2 75.2
111 46.1 35.8 53.6

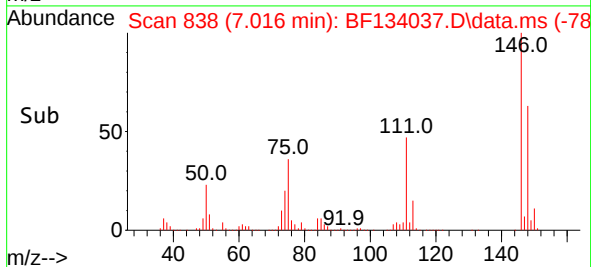
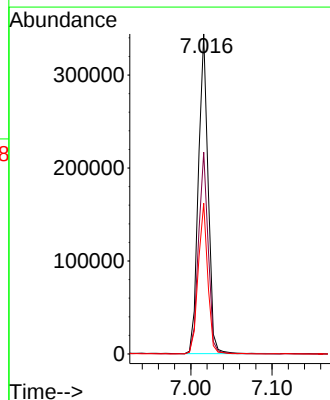
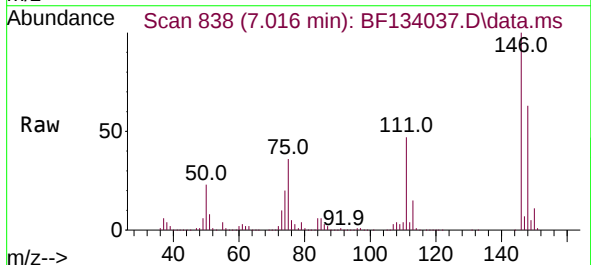
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#14
1,2-Dichlorobenzene
Concen: 39.667 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Tgt Ion:146 Resp: 287260
Ion Ratio Lower Upper
146 100
148 63.0 50.6 76.0
111 47.1 38.0 57.0





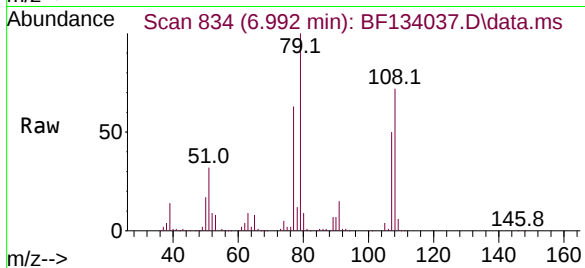
#15
Benzyl Alcohol
Concen: 41.928 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS

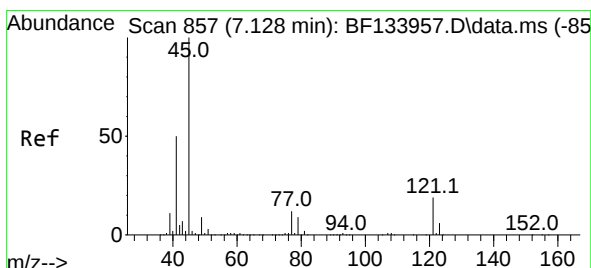
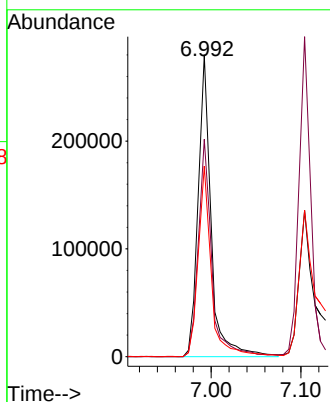
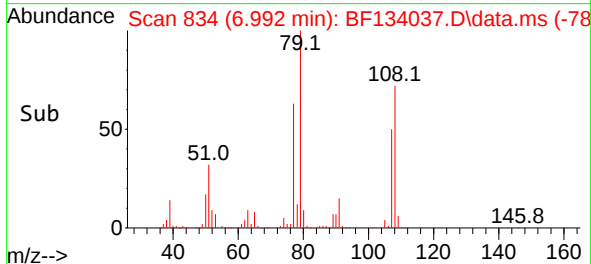


Tgt Ion: 79 Resp: 28118
Ion Ratio Lower Upper
79 100
108 72.0 60.7 91.1
77 63.1 50.6 75.8

Manual Integrations

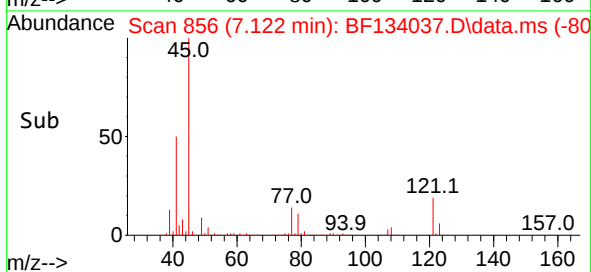
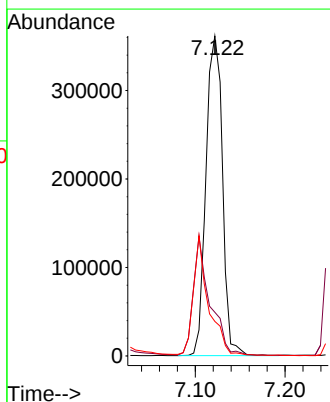
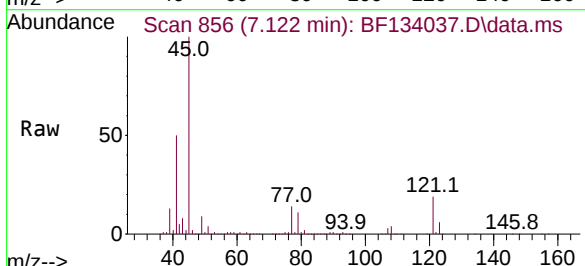
APPROVED

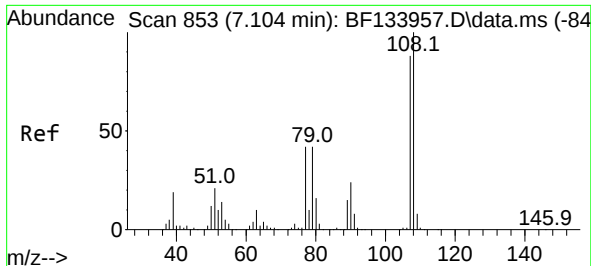
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.653 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

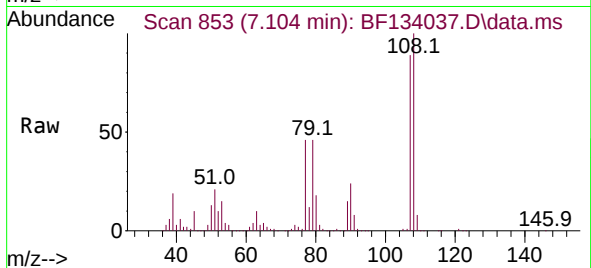
Tgt Ion: 45 Resp: 460485
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.9
79 10.8 0.0 29.5





#17
2-Methylphenol
Concen: 37.091 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

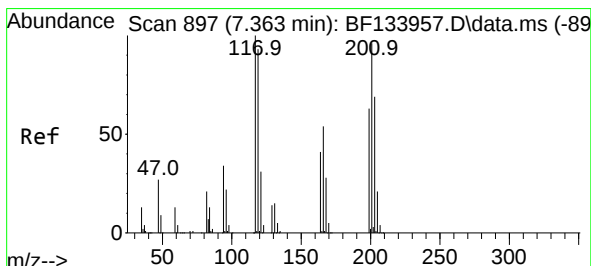
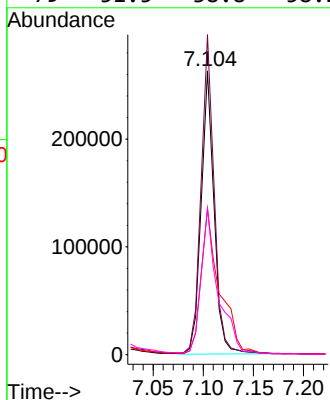
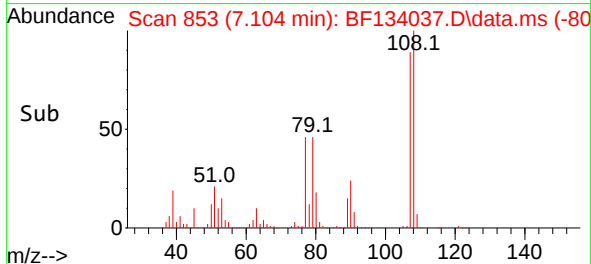
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



Tgt Ion:107 Resp: 238500
Ion Ratio Lower Upper
107 100
108 112.8 90.6 136.0
77 51.6 38.3 57.5
79 51.5 38.8 58.2

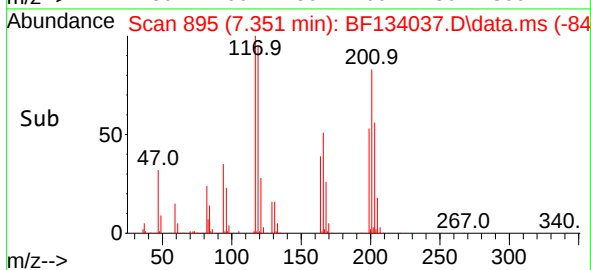
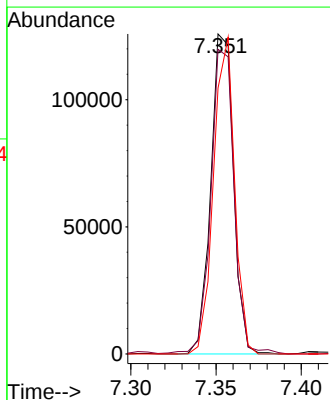
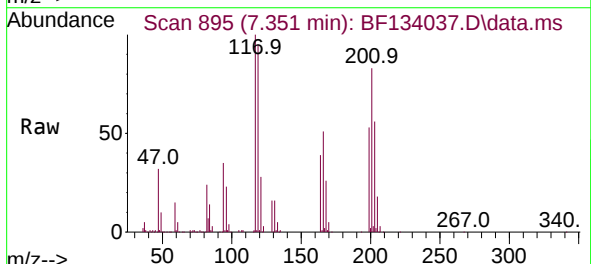
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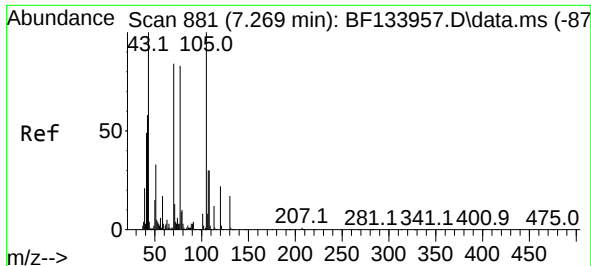
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#18
Hexachloroethane
Concen: 40.771 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

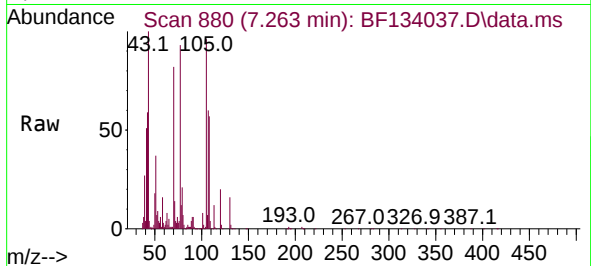
Tgt Ion:117 Resp: 116894
Ion Ratio Lower Upper
117 100
119 95.2 74.2 111.4
201 83.1 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.107 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

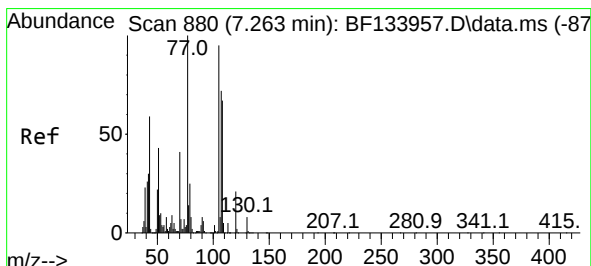
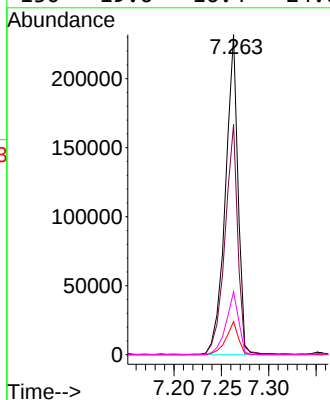
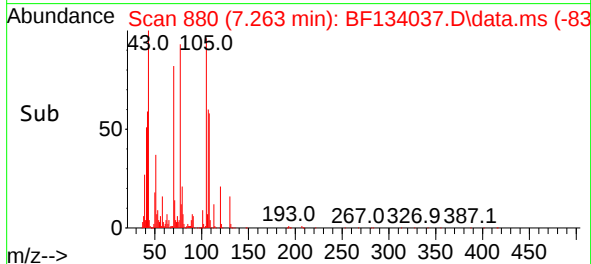
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



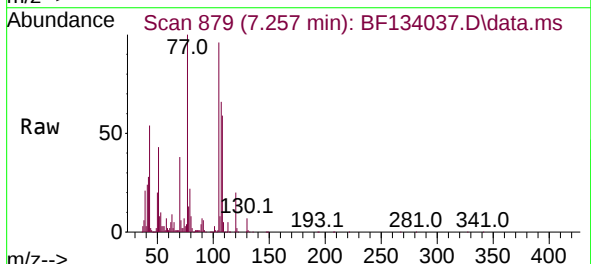
Tgt Ion: 70 Resp: 21574
Ion Ratio Lower Upper
70 100
42 71.9 54.7 82.1
101 10.4 7.7 11.5
130 19.6 16.4 24.6

Manual Integrations
APPROVED

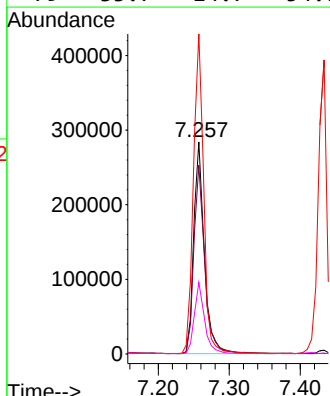
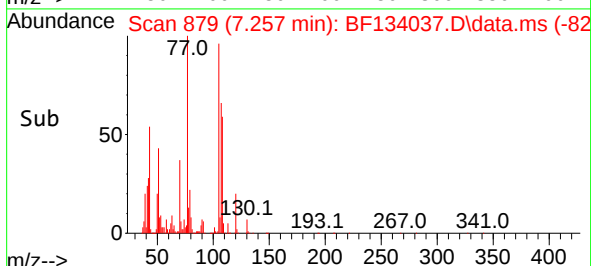
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

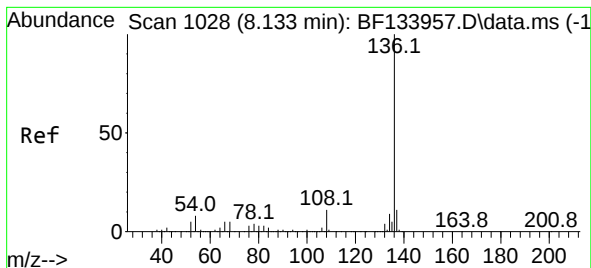


#20
3+4-Methylphenols
Concen: 38.248 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18



Tgt Ion:107 Resp: 298366
Ion Ratio Lower Upper
107 100
108 89.0 73.2 113.2
77 150.9 118.3 158.3
79 33.7 14.7 54.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF134037.D

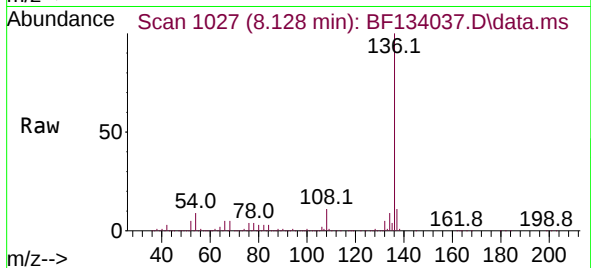
Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS



Tgt Ion:136 Resp: 462128

Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 8.9 6.5 9.7

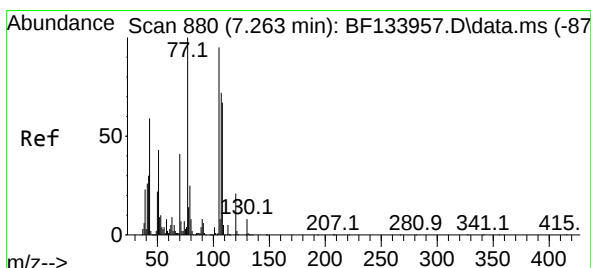
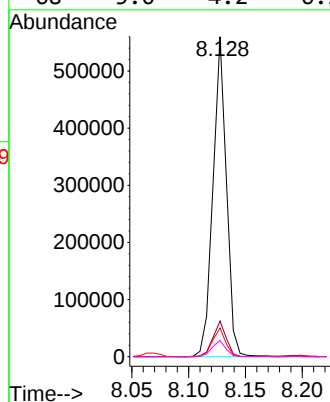
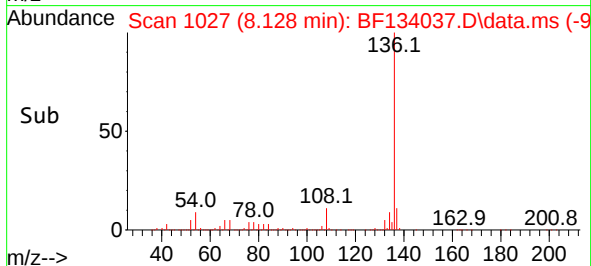
68 5.0 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#22

Acetophenone

Concen: 39.659 ng

RT: 7.257 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

Tgt Ion:105 Resp: 416819

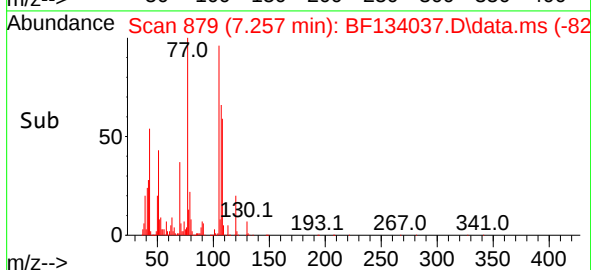
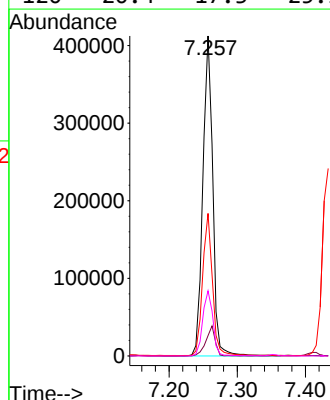
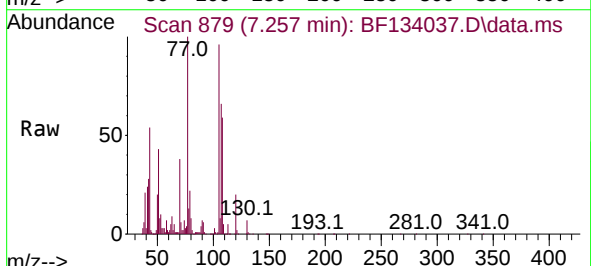
Ion Ratio Lower Upper

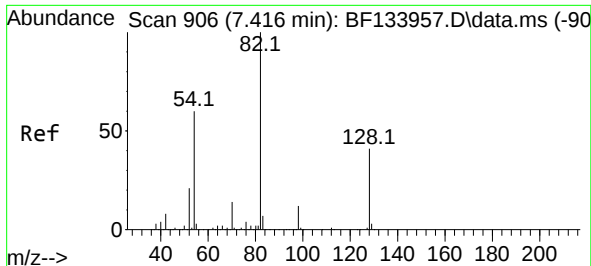
105 100

71 6.3 5.5 8.3

51 44.5 36.5 54.7

120 20.4 17.3 25.9





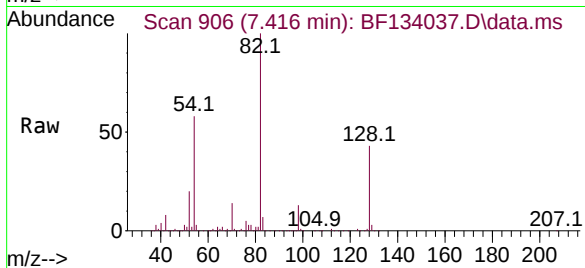
#23
Nitrobenzene-d5
Concen: 79.923 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS

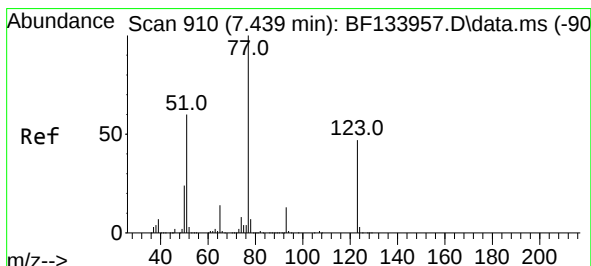
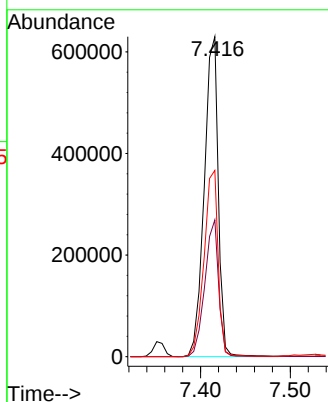
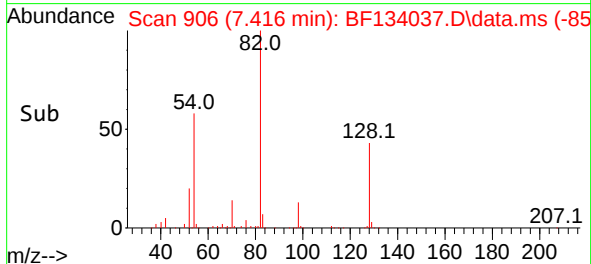


Tgt Ion: 82 Resp: 685180
Ion Ratio Lower Upper
82 100
128 42.8 32.5 48.7
54 58.2 48.2 72.2

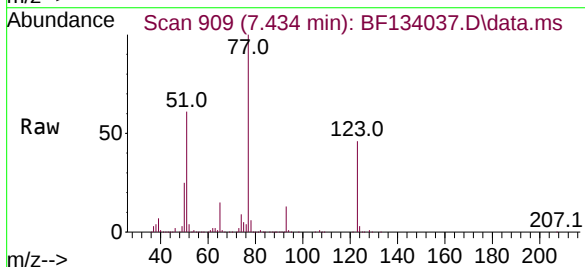
Manual Integrations

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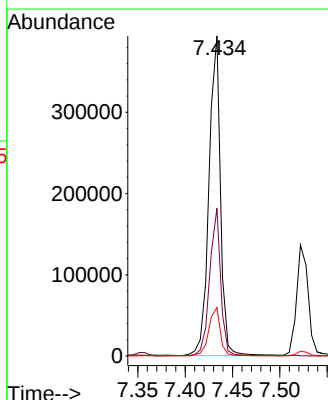
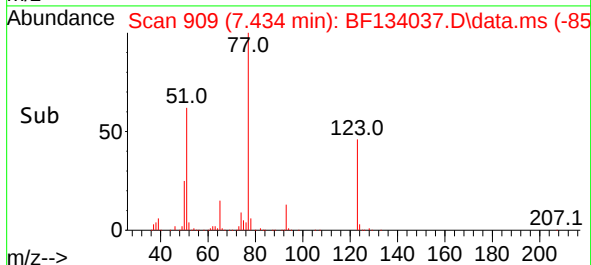
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

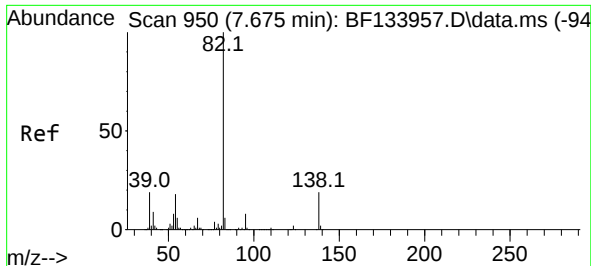


#24
Nitrobenzene
Concen: 38.353 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18



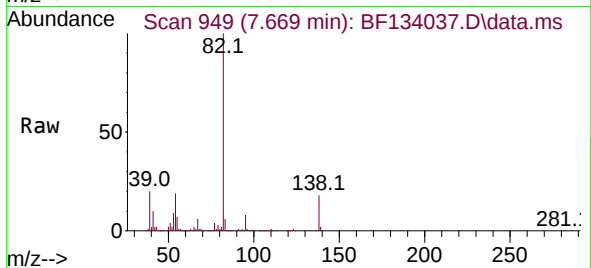
Tgt Ion: 77 Resp: 332255
Ion Ratio Lower Upper
77 100
123 46.2 37.8 56.6
65 15.2 11.3 16.9





#25
Isophorone
Concen: 38.230 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

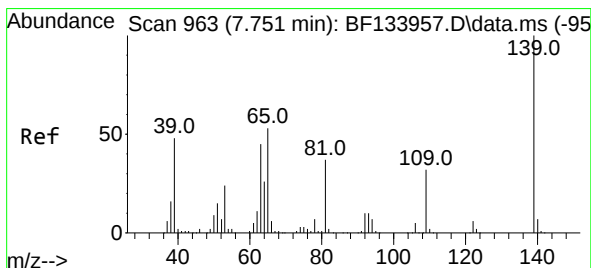
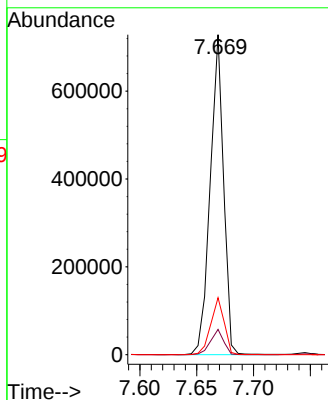
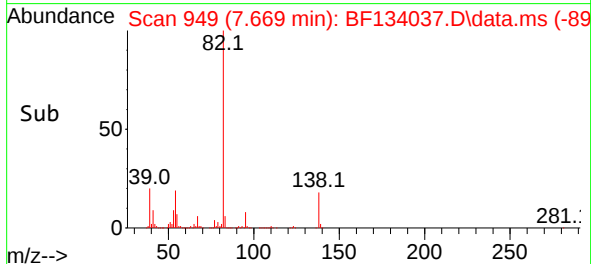
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



Tgt Ion: 82 Resp: 59565
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 17.8 15.2 22.8

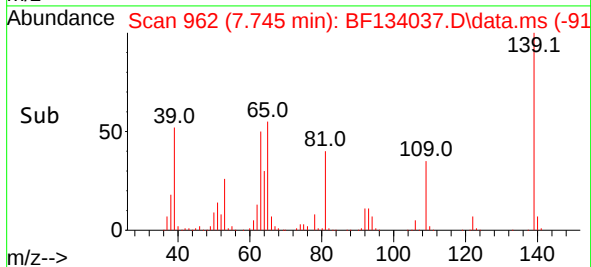
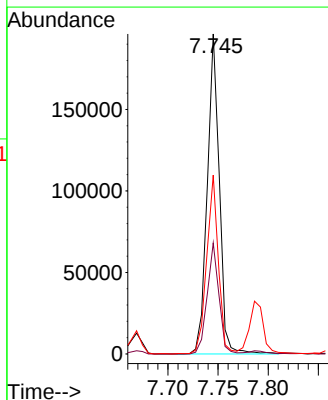
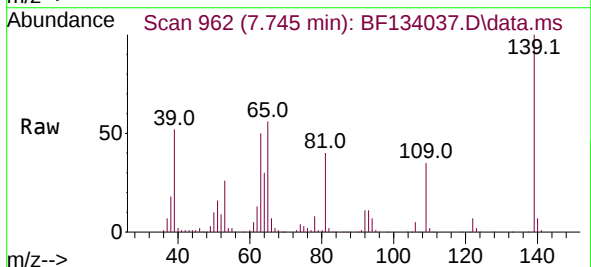
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#26
2-Nitrophenol
Concen: 39.740 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Tgt Ion:139 Resp: 165155
Ion Ratio Lower Upper
139 100
109 34.7 25.8 38.8
65 55.9 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 41.199 ng
RT: 7.786 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

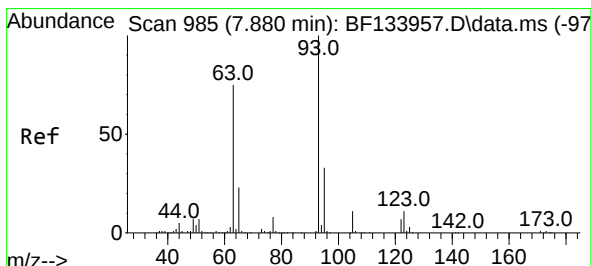
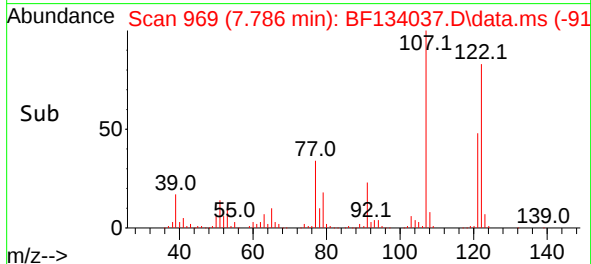
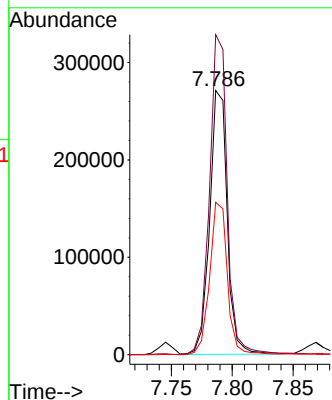
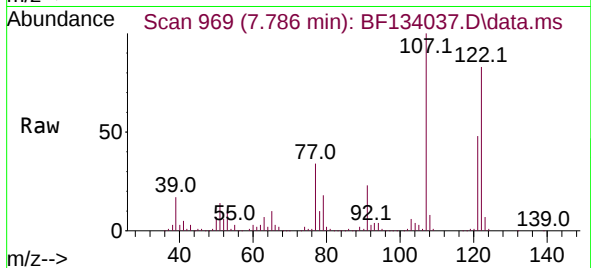
ClientSampleId :

WC-SCAN-01MS

Tgt Ion:122 Resp: 27102
Ion Ratio Lower Upper
122 100
107 121.1 95.5 143.3
121 57.6 45.5 68.3

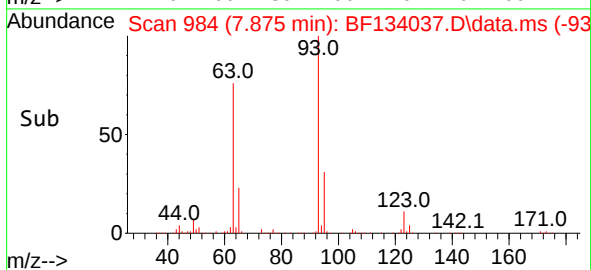
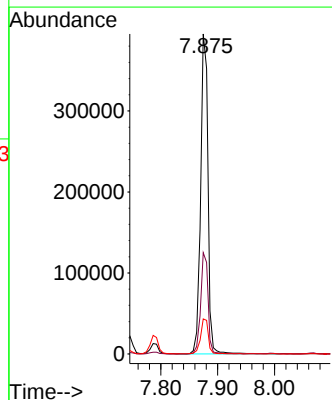
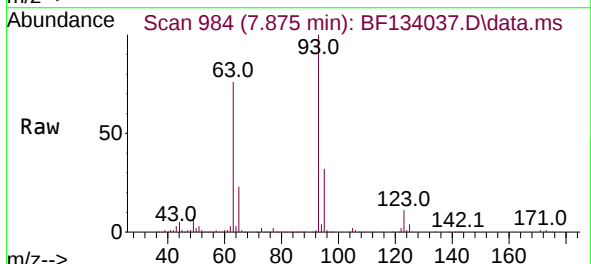
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.433 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Tgt Ion: 93 Resp: 355752
Ion Ratio Lower Upper
93 100
95 31.6 26.5 39.7
123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.774 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF134037.D

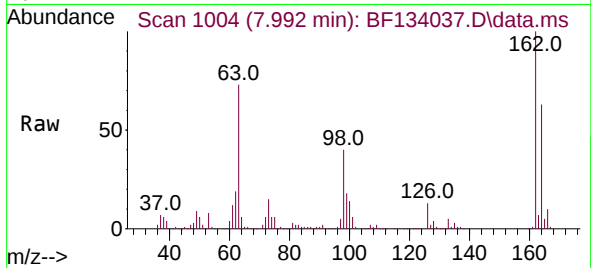
Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS



Tgt Ion:162 Resp: 259459

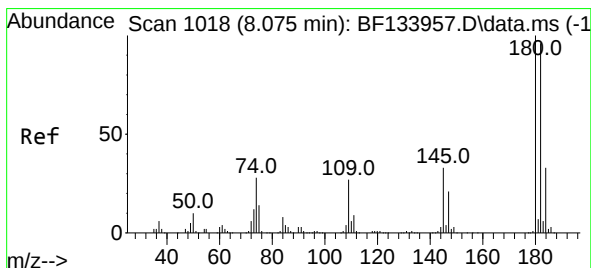
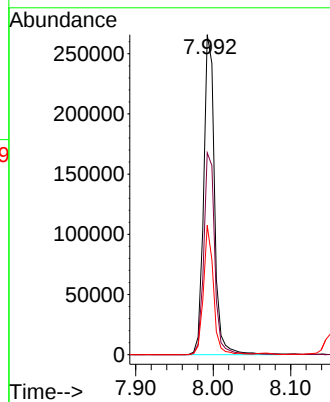
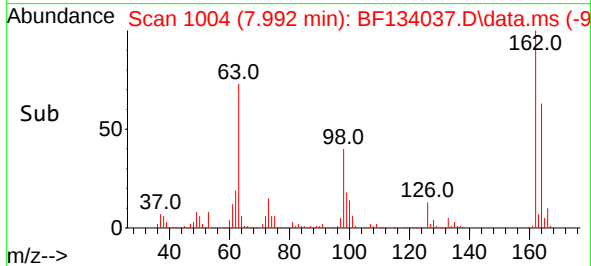
Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.2	83.2
98	40.4	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.790 ng

RT: 8.069 min Scan# 1017

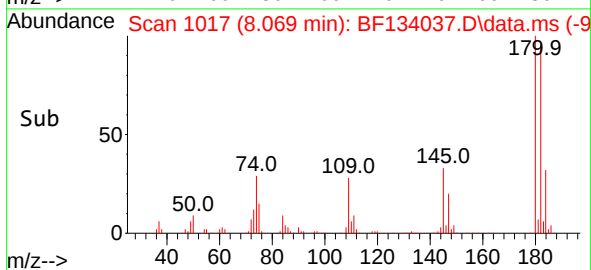
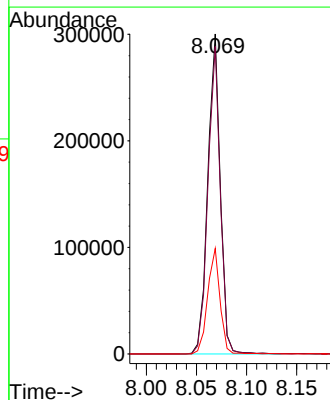
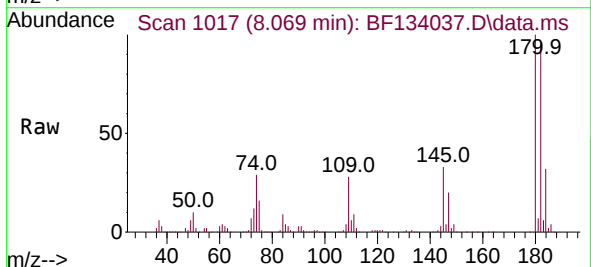
Delta R.T. -0.006 min

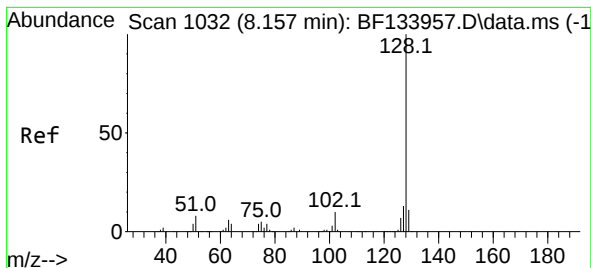
Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

Tgt Ion:180 Resp: 261093

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.1	115.7
145	33.0	26.0	39.0





#31

Naphthalene

Concen: 38.170 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS

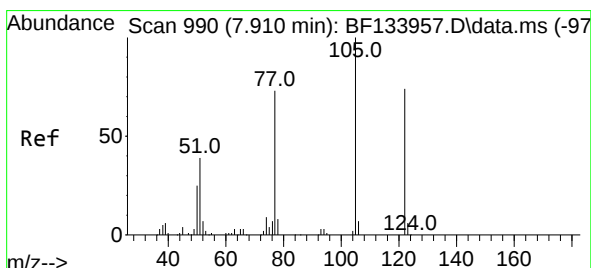
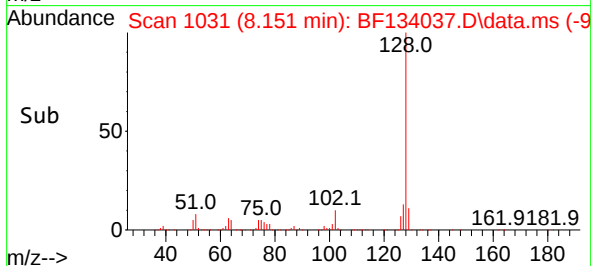
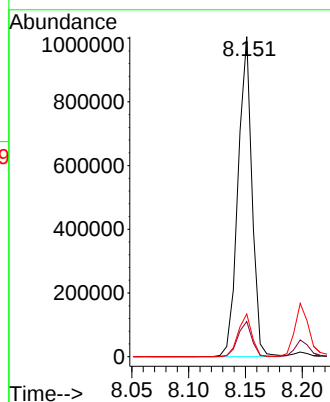
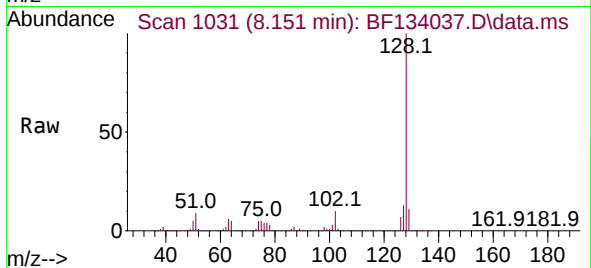
Tgt Ion:128 Resp: 852050
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.7 13.1
 127 13.4 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#32

Benzoic acid

Concen: 3.433 ng m

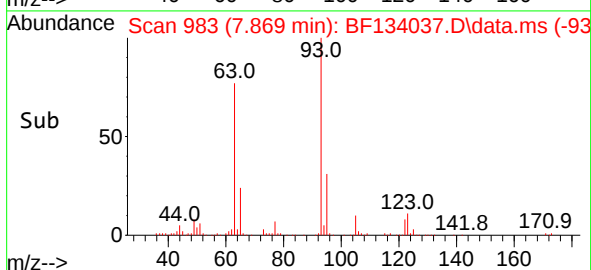
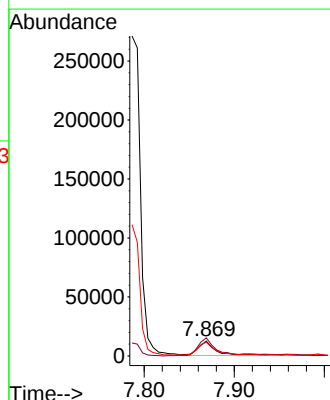
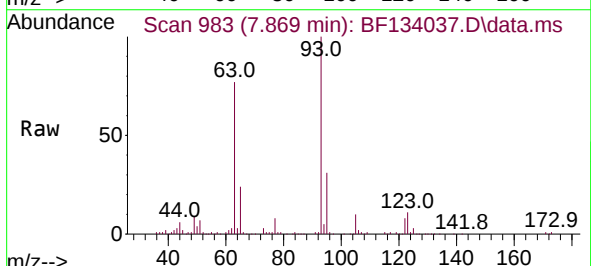
RT: 7.869 min Scan# 983

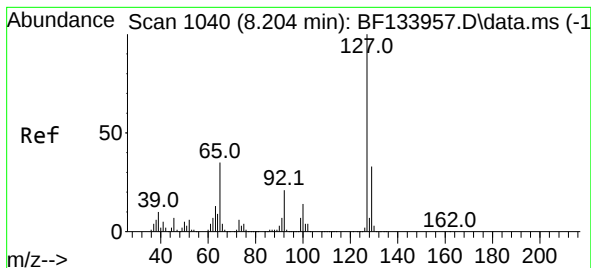
Delta R.T. -0.041 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

Tgt Ion:122 Resp: 16922
 Ion Ratio Lower Upper
 122 100
 105 120.6 109.7 149.7
 77 93.0 76.0 116.0





#33
4-Chloroaniline
Concen: 15.855 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

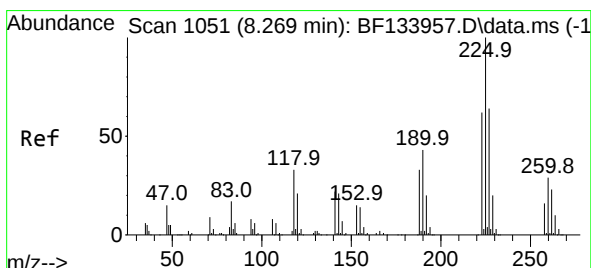
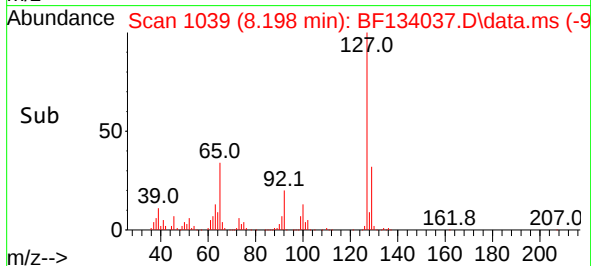
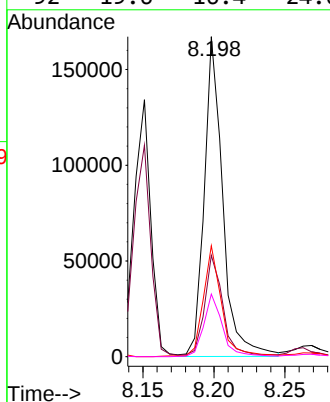
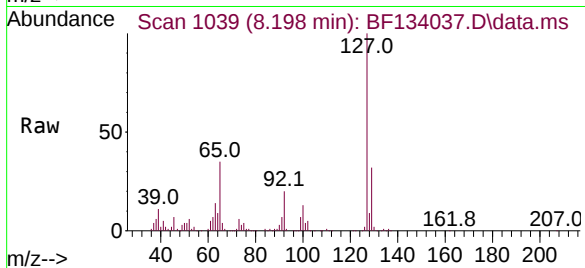
WC-SCAN-01MS

Tgt Ion:127 Resp: 151389
Ion Ratio Lower Upper
127 100
129 31.7 26.4 39.6
65 34.7 27.8 41.8
92 19.6 16.4 24.6

Manual Integrations

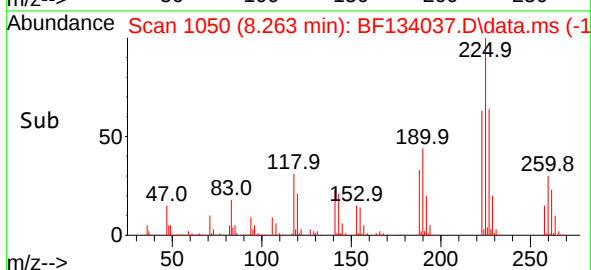
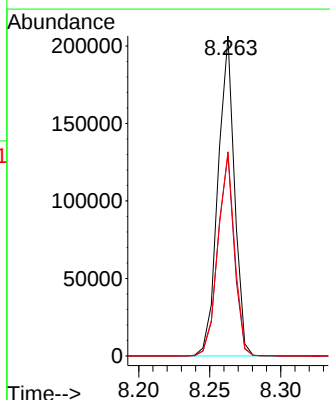
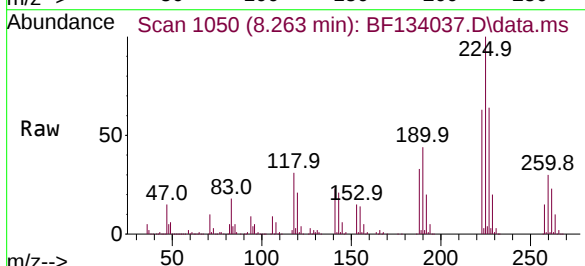
APPROVED

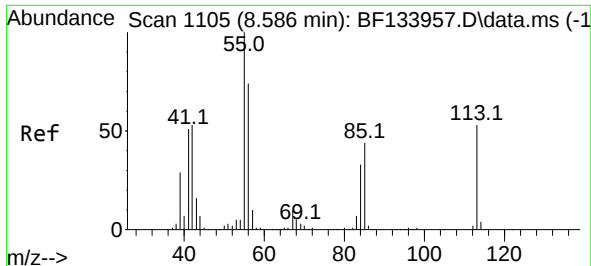
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#34
Hexachlorobutadiene
Concen: 39.195 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

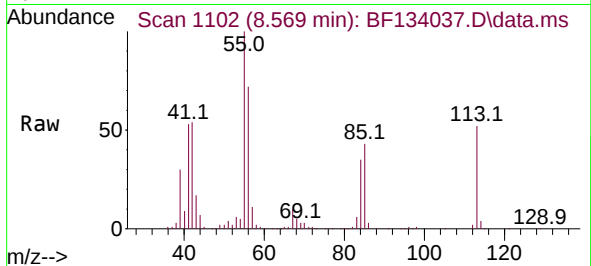
Tgt Ion:225 Resp: 166420
Ion Ratio Lower Upper
225 100
223 62.9 49.8 74.8
227 63.8 51.0 76.4





#35
Caprolactam
Concen: 34.378 ng m
RT: 8.569 min Scan# 1105
Delta R.T. -0.018 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

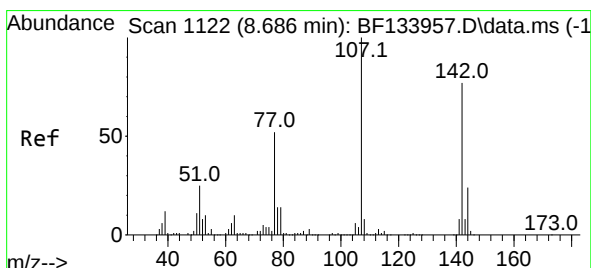
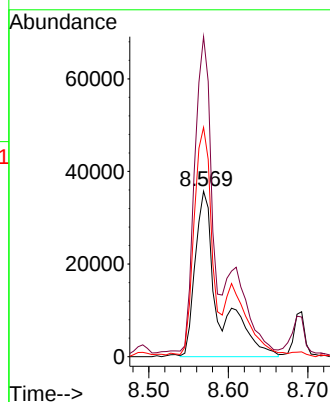
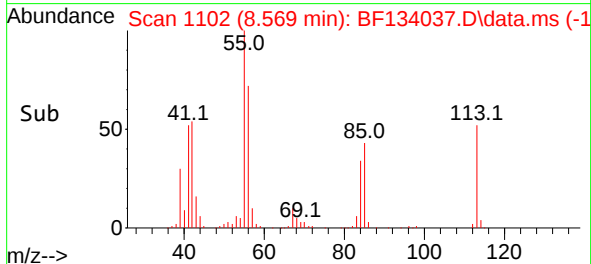
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



Tgt Ion:113 Resp: 73839
Ion Ratio Lower Upper
113 100
55 193.4 170.2 210.2
56 138.6 121.4 161.4

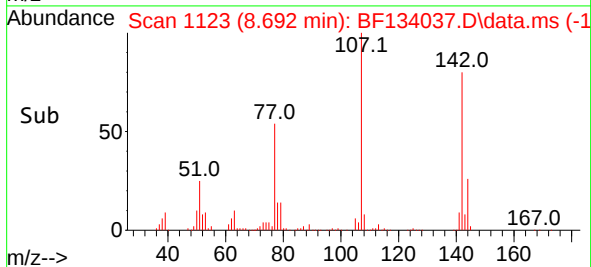
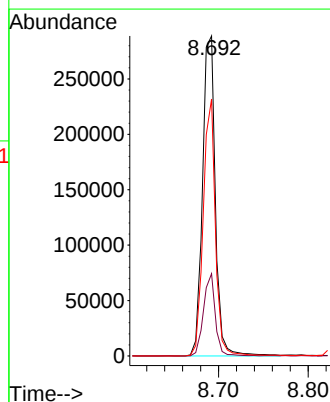
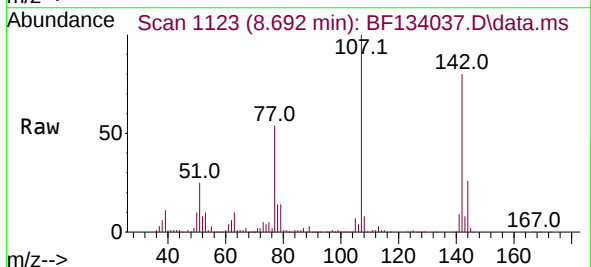
Manual Integrations
APPROVED

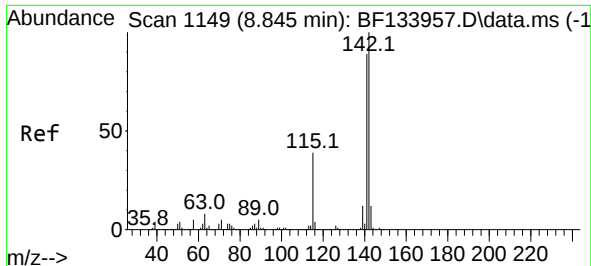
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#36
4-Chloro-3-methylphenol
Concen: 39.252 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Tgt Ion:107 Resp: 287648
Ion Ratio Lower Upper
107 100
144 25.7 19.6 29.4
142 80.3 61.4 92.2





#37
2-Methylnaphthalene
Concen: 37.272 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

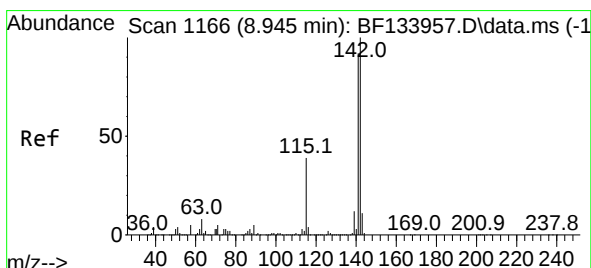
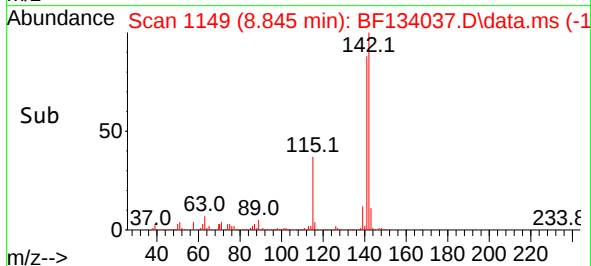
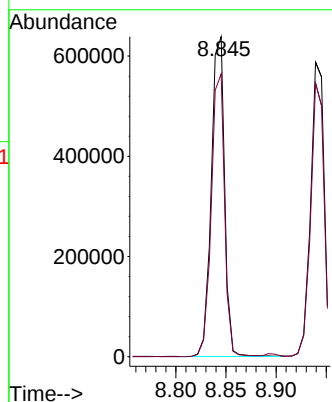
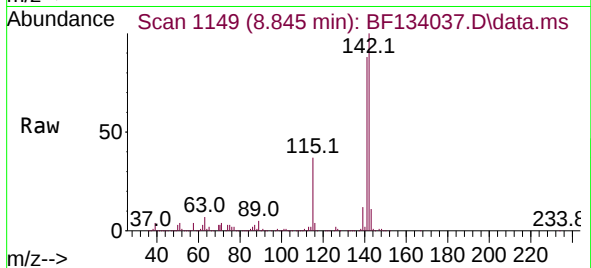
ClientSampleId :

WC-SCAN-01MS

Tgt Ion:142 Resp: 58835
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.4

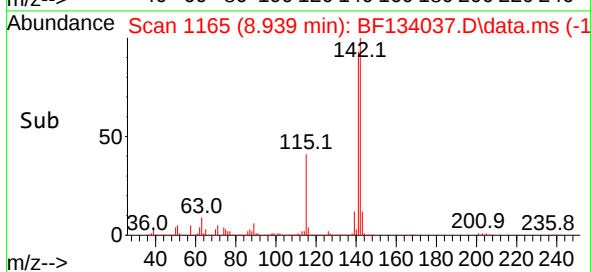
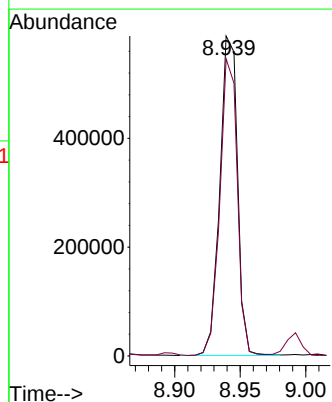
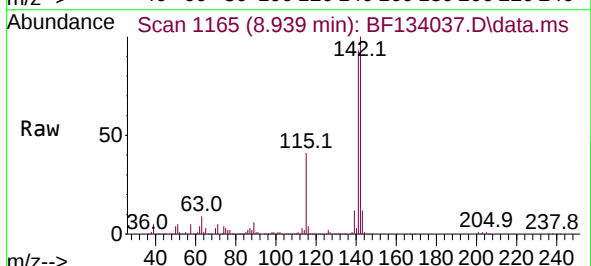
Manual Integrations
APPROVED

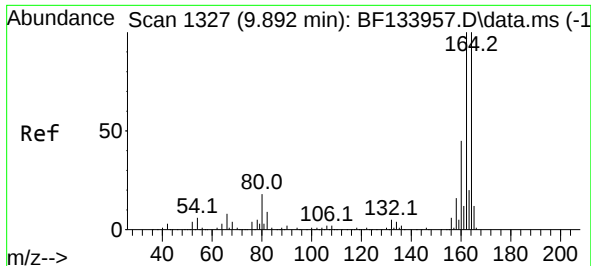
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#38
1-Methylnaphthalene
Concen: 37.449 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

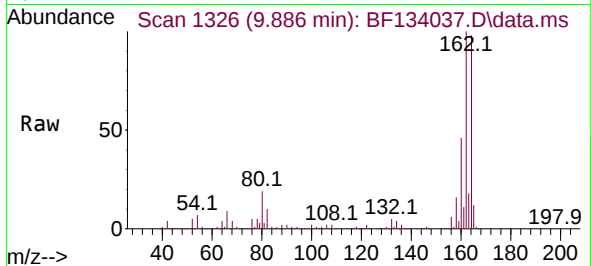
Tgt Ion:142 Resp: 549555
Ion Ratio Lower Upper
142 100
141 92.9 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

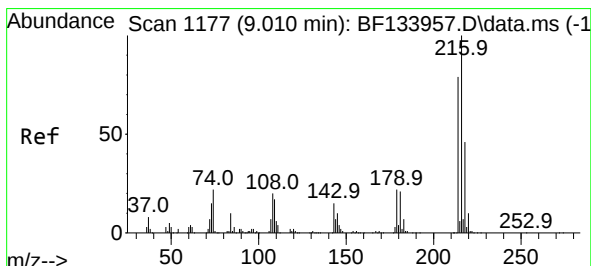
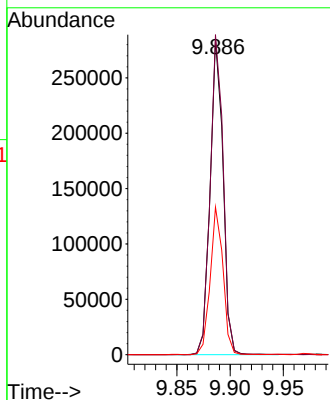
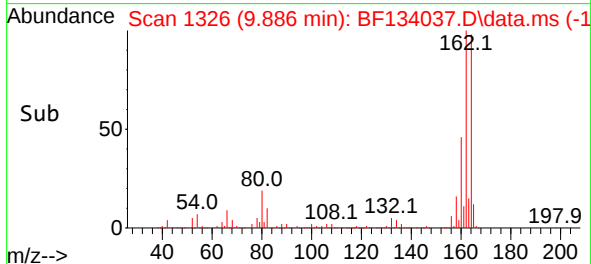
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



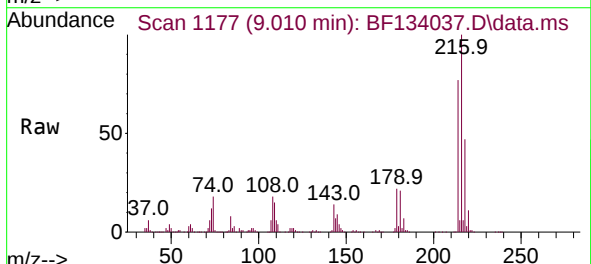
Tgt Ion:164 Resp: 240449
Ion Ratio Lower Upper
164 100
162 101.6 80.0 120.0
160 46.8 35.9 53.9

Manual Integrations
APPROVED

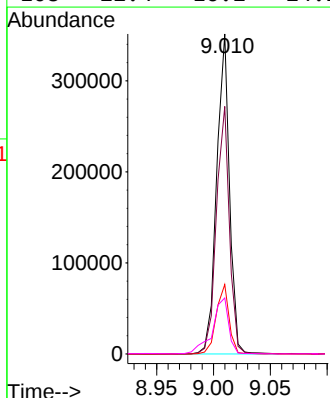
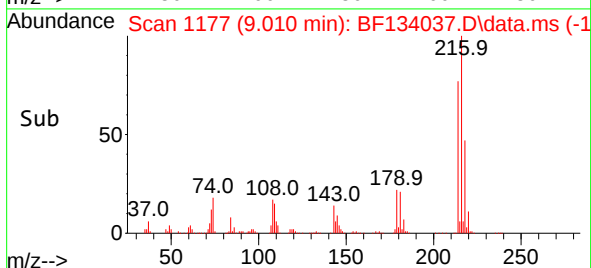
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.863 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18



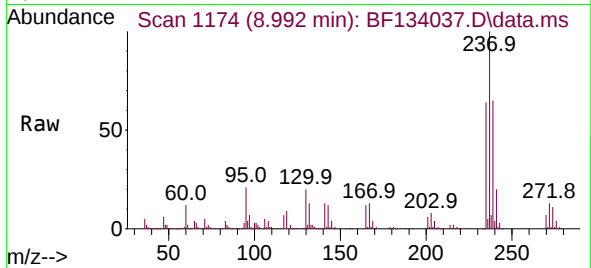
Tgt Ion:216 Resp: 276848
Ion Ratio Lower Upper
216 100
214 78.5 64.1 96.1
179 21.6 17.3 25.9
108 22.4 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 76.461 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

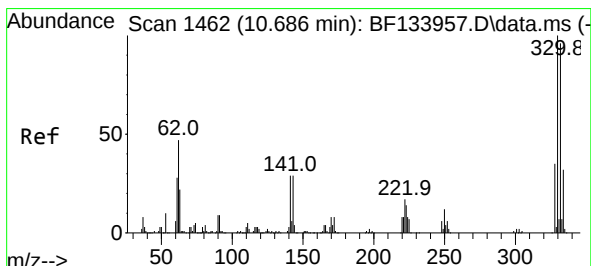
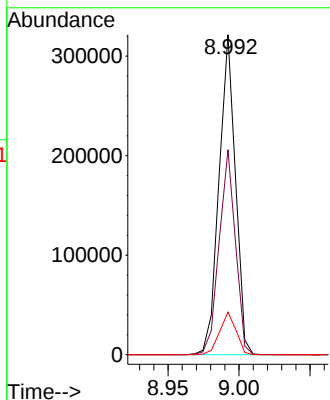
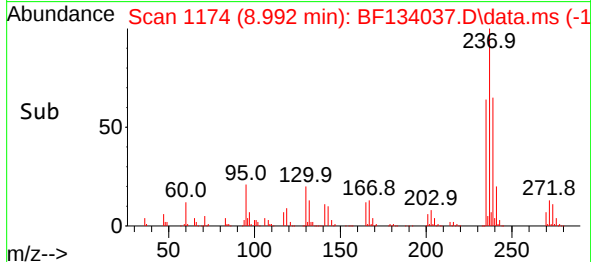
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



Tgt Ion:237 Resp: 258410
Ion Ratio Lower Upper
237 100
235 64.0 42.8 82.8
272 13.3 0.0 34.6

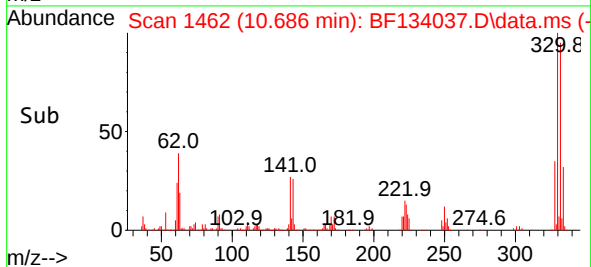
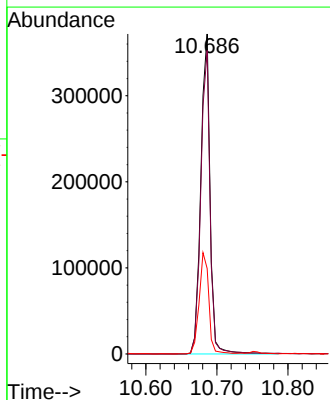
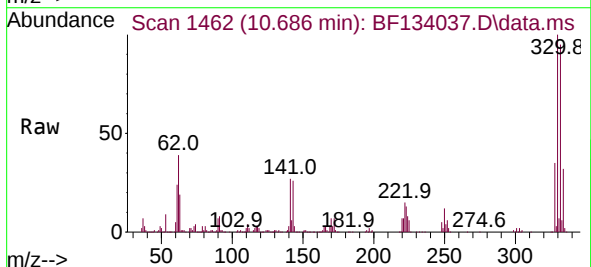
Manual Integrations
APPROVED

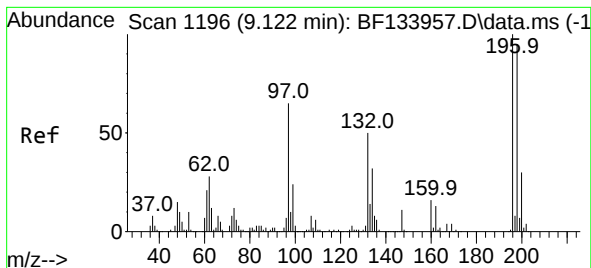
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#42
2,4,6-Tribromophenol
Concen: 112.205 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

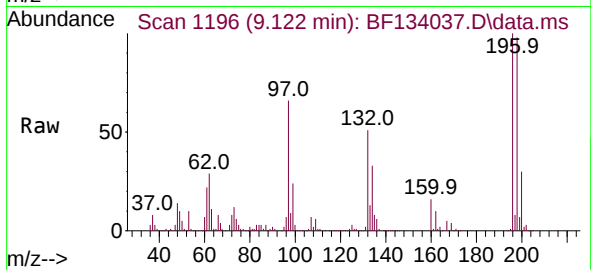
Tgt Ion:330 Resp: 338270
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 32.9 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 39.070 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

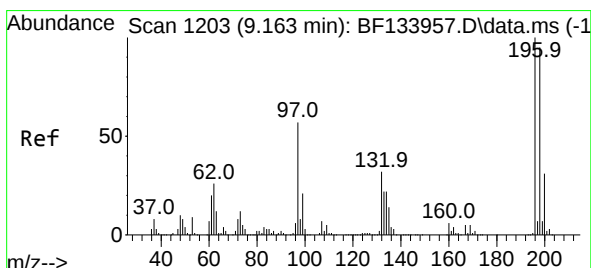
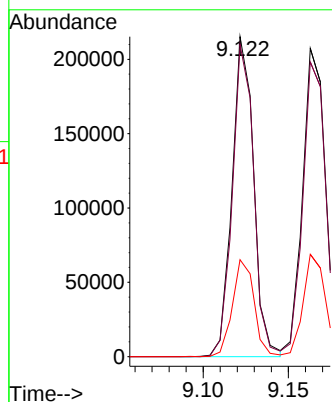
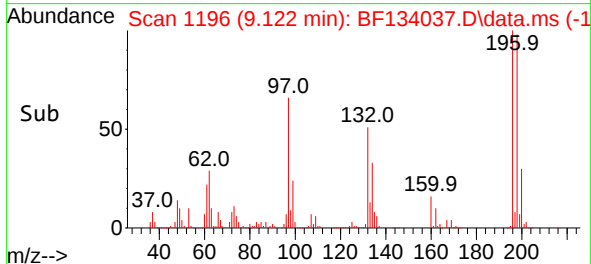
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



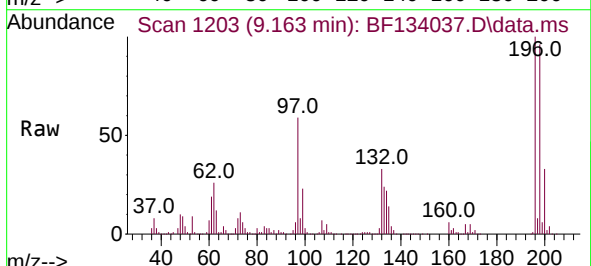
Tgt Ion:196 Resp: 189468
Ion Ratio Lower Upper
196 100
198 97.5 75.6 113.4
200 30.3 24.4 36.6

Manual Integrations
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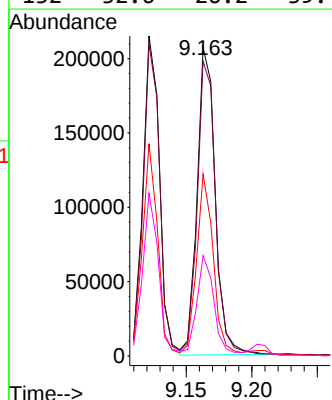
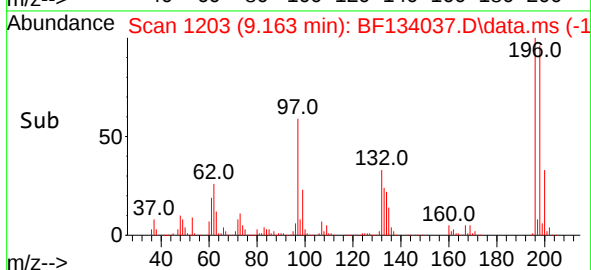
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

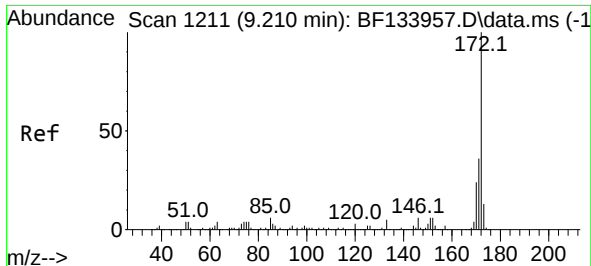


#44
2,4,5-Trichlorophenol
Concen: 34.971 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18



Tgt Ion:196 Resp: 199480
Ion Ratio Lower Upper
196 100
198 95.6 75.7 113.5
97 59.0 45.8 68.6
132 32.6 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 77.582 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF134037.D

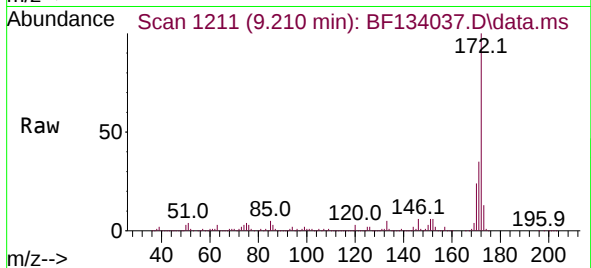
Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS



Tgt Ion:172 Resp: 128307

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

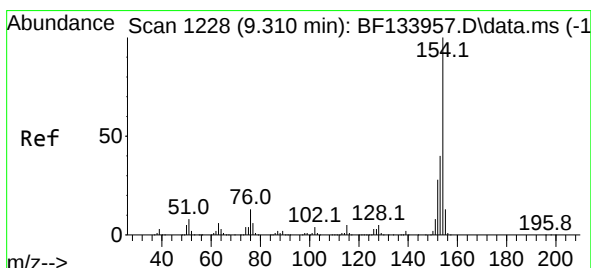
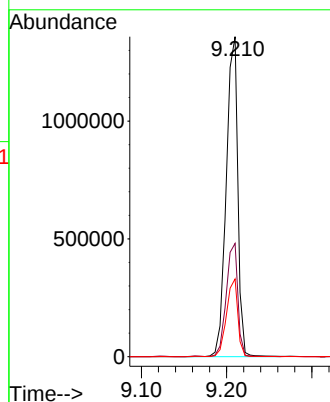
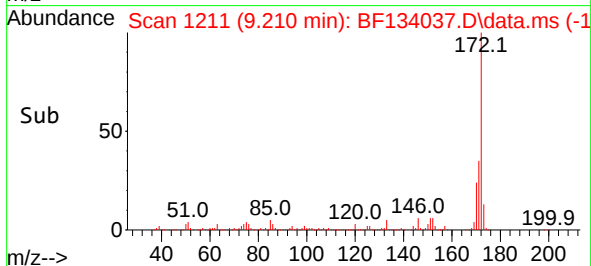
170 24.3 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#46

1,1'-Biphenyl

Concen: 38.966 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

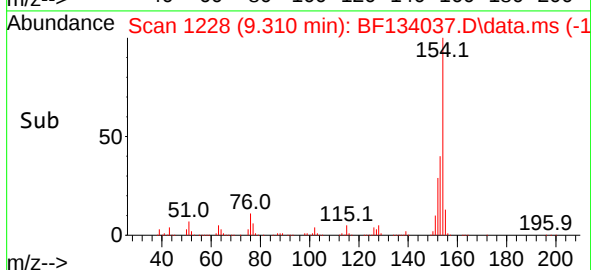
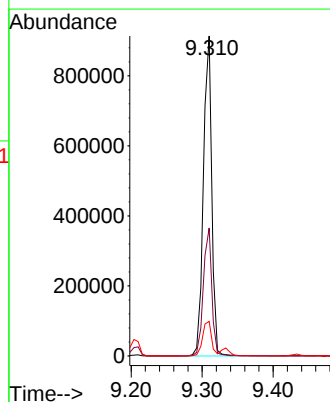
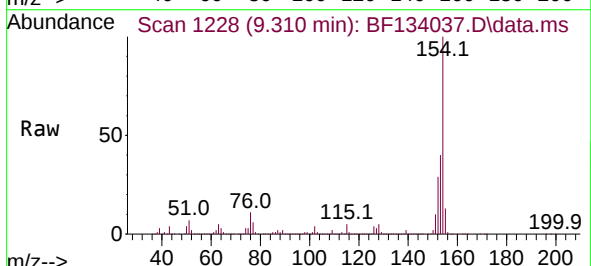
Tgt Ion:154 Resp: 751565

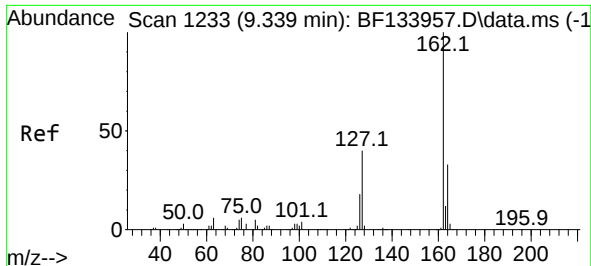
Ion Ratio Lower Upper

154 100

153 40.0 19.8 59.8

76 10.8 0.0 32.9





#47

2-Chloronaphthalene

Concen: 37.042 ng

RT: 9.333 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

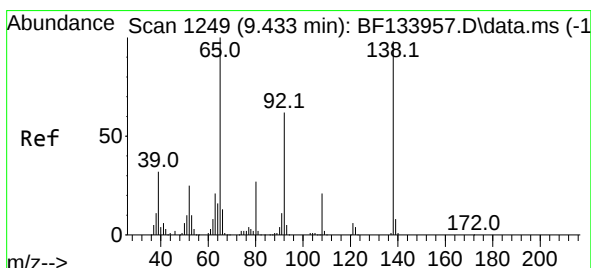
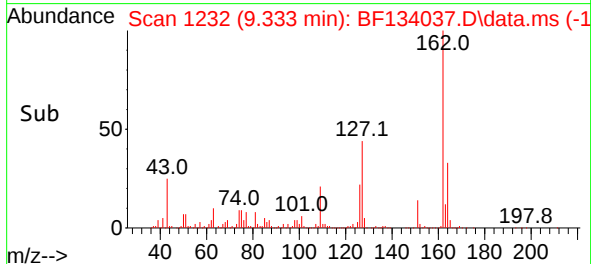
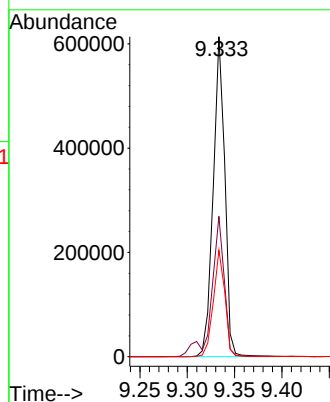
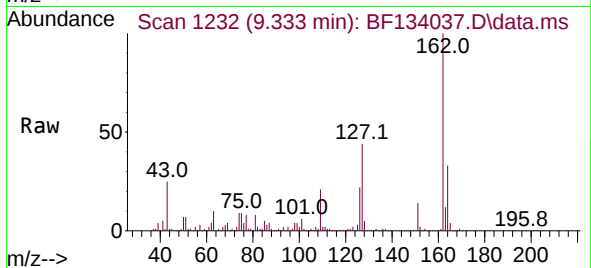
WC-SCAN-01MS

Tgt Ion:162 Resp: 52275
 Ion Ratio Lower Upper
 162 100
 127 43.8 32.9 49.3
 164 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#48

2-Nitroaniline

Concen: 38.500 ng

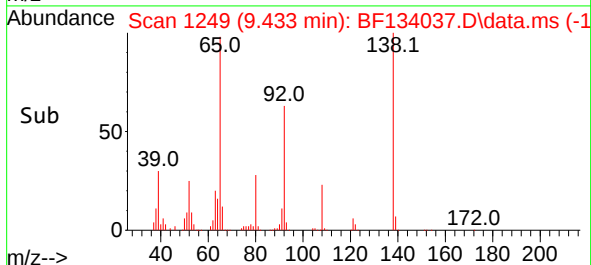
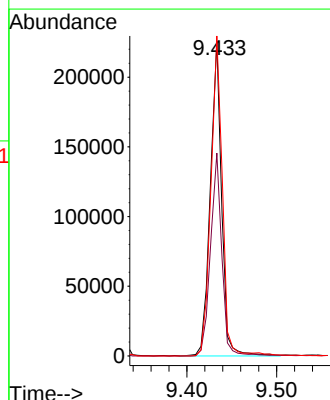
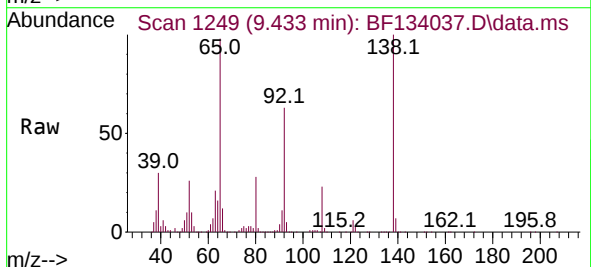
RT: 9.433 min Scan# 1249

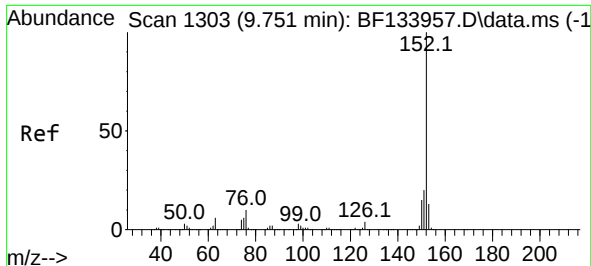
Delta R.T. 0.000 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

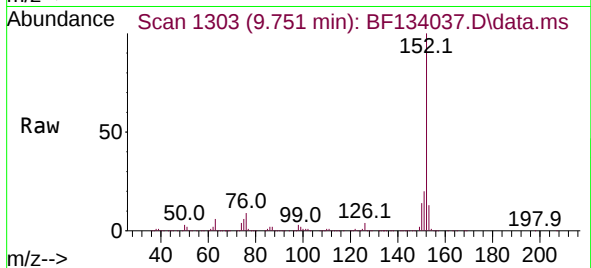
Tgt Ion: 65 Resp: 198013
 Ion Ratio Lower Upper
 65 100
 92 64.5 49.5 74.3
 138 101.7 78.0 117.0





#49
Acenaphthylene
Concen: 38.905 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

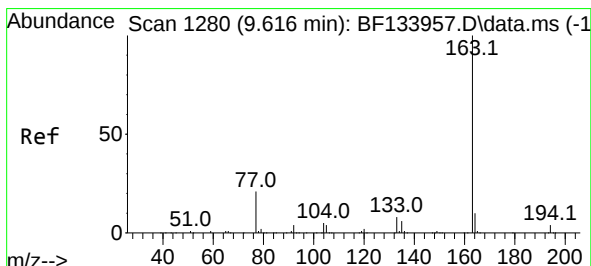
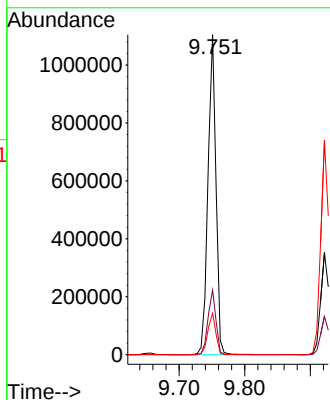
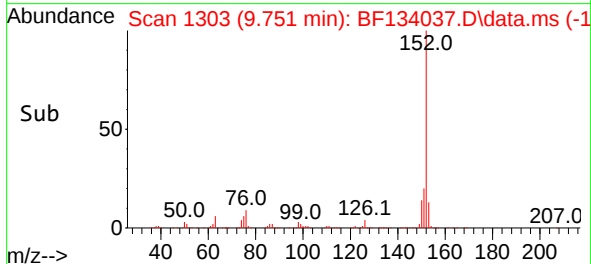
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



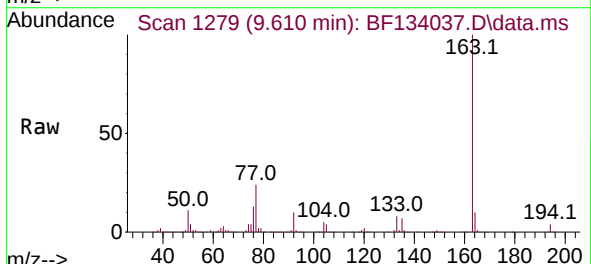
Tgt Ion:152 Resp: 93788
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.0 10.8 16.2

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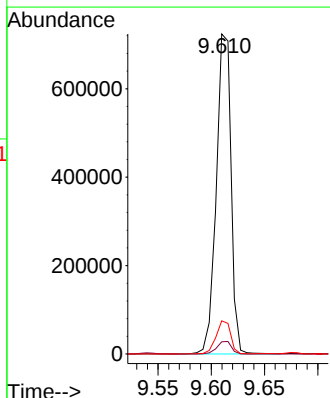
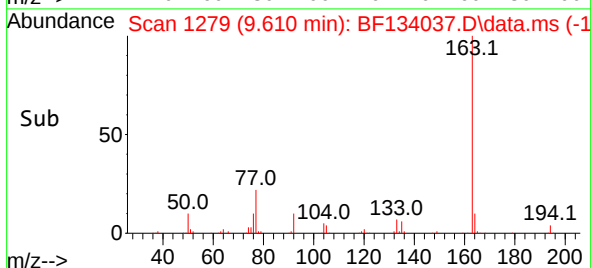
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

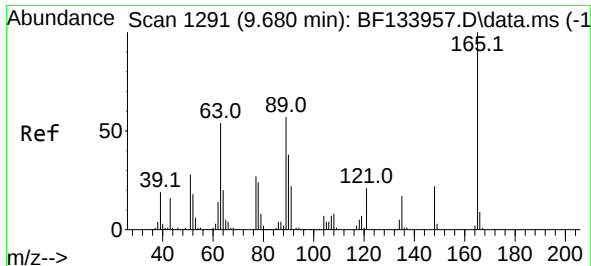


#50
Dimethylphthalate
Concen: 40.048 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18



Tgt Ion:163 Resp: 699009
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 40.208 ng

RT: 9.675 min Scan# 1290

Delta R.T. -0.005 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS

Tgt Ion:165 Resp: 151150

Ion Ratio Lower Upper

165 100

63 73.2 48.5 72.7

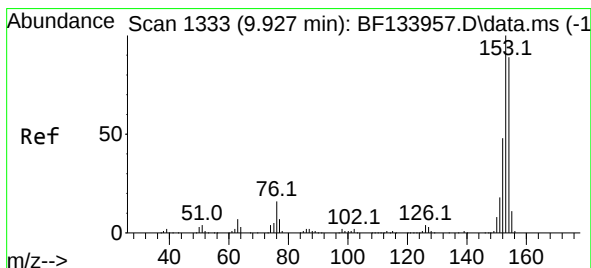
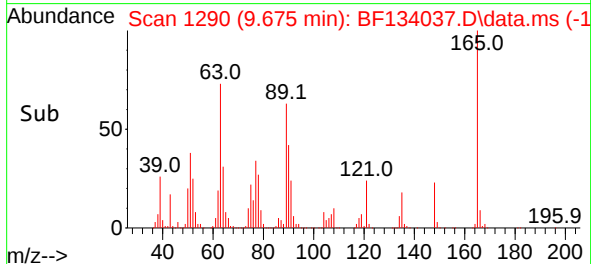
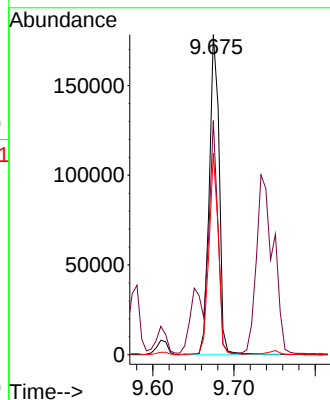
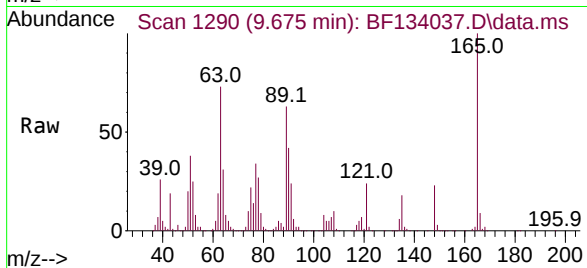
89 63.0 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#52

Acenaphthene

Concen: 39.657 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.005 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

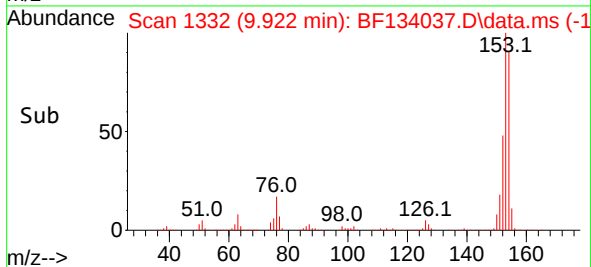
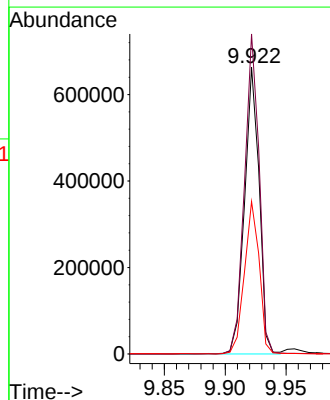
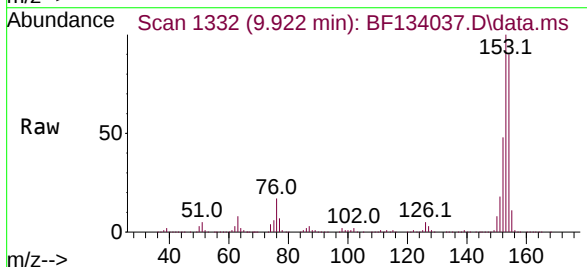
Tgt Ion:154 Resp: 554736

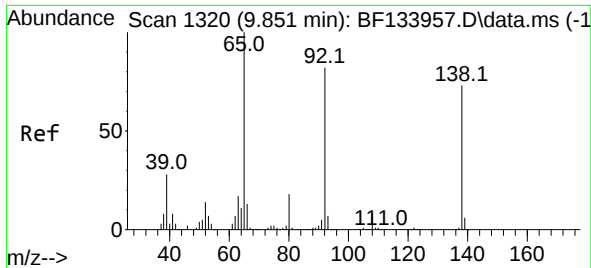
Ion Ratio Lower Upper

154 100

153 111.7 89.4 134.2

152 53.2 42.8 64.2





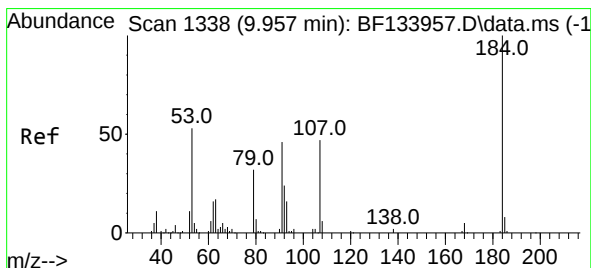
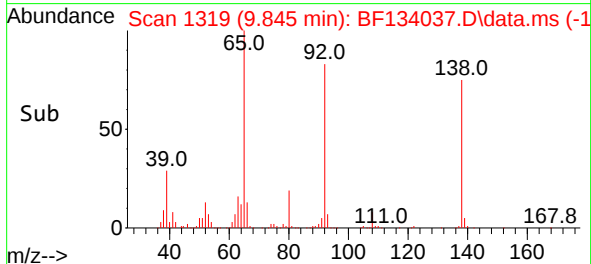
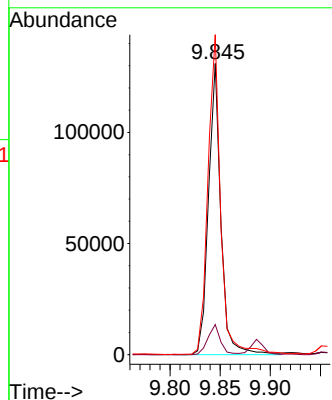
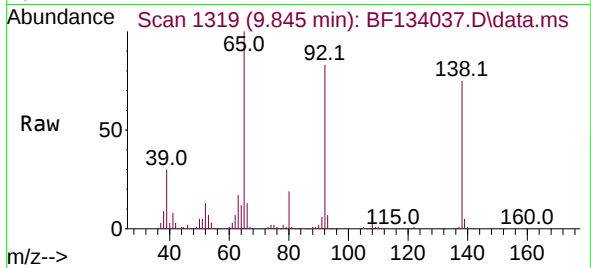
#53
3-Nitroaniline
Concen: 25.026 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS

Tgt Ion:138 Resp: 11286
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 109.9 90.1 135.1

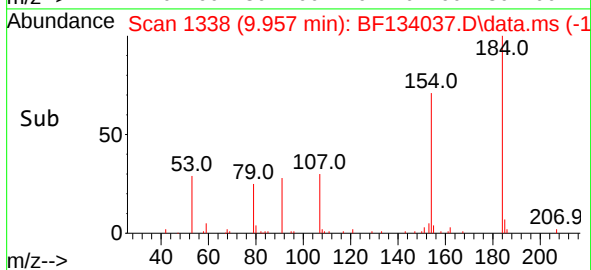
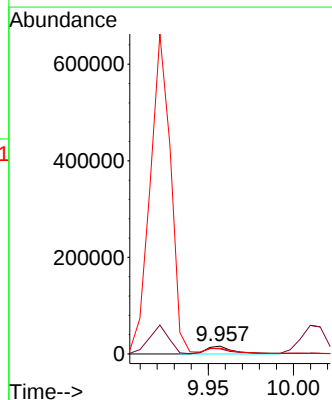
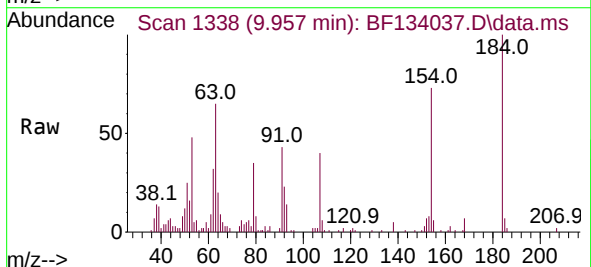
Manual Integrations
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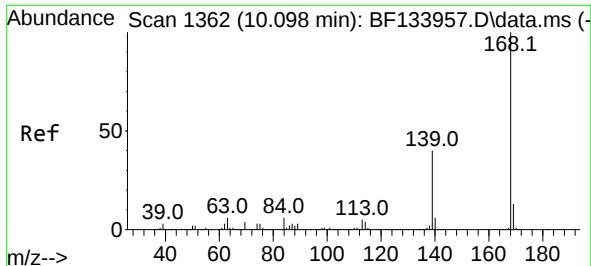
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#54
2,4-Dinitrophenol
Concen: 11.692 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

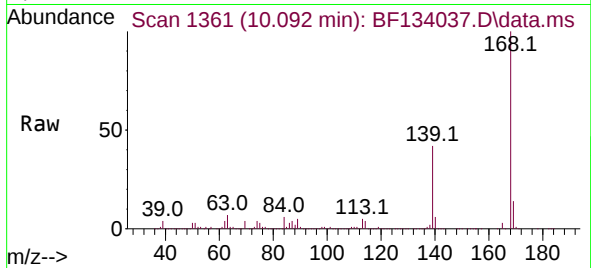
Tgt Ion:184 Resp: 17857
Ion Ratio Lower Upper
184 100
63 64.8 56.9 85.3
154 73.3 55.4 83.0





#55
Dibenzenofuran
Concen: 38.235 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

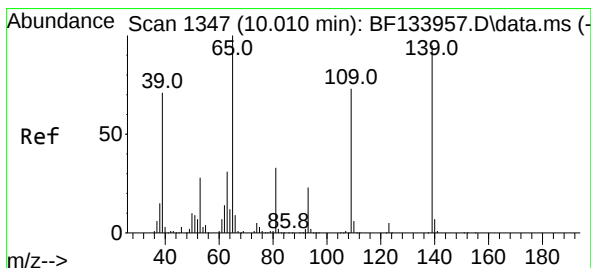
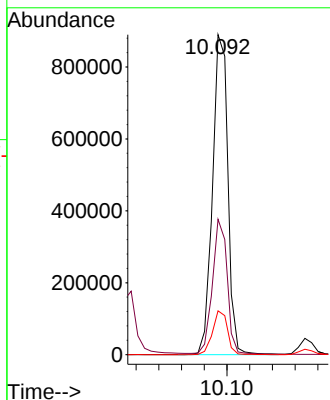
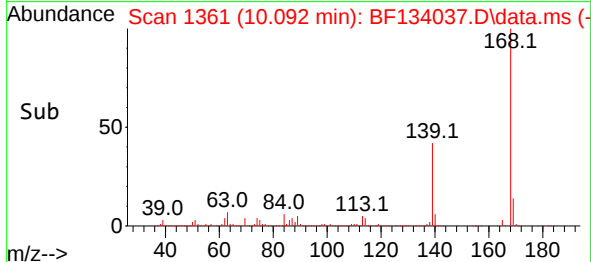
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



Tgt Ion:168 Resp: 835874
Ion Ratio Lower Upper
168 100
139 42.3 32.0 48.0
169 13.7 10.6 16.0

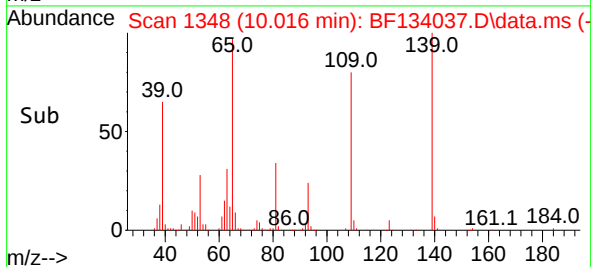
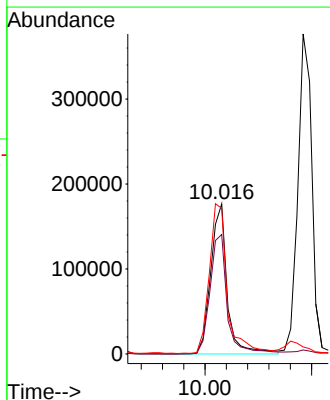
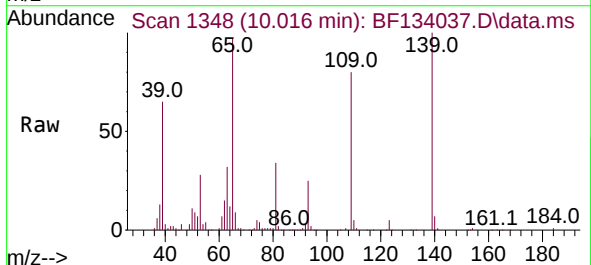
Manual Integrations
APPROVED

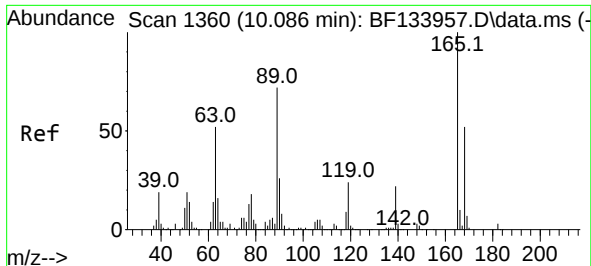
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#56
4-Nitrophenol
Concen: 60.034 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

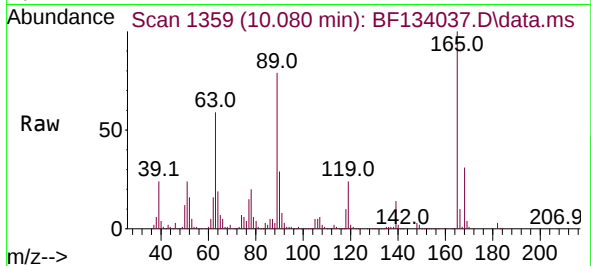
Tgt Ion:139 Resp: 189389
Ion Ratio Lower Upper
139 100
109 79.6 56.8 96.8
65 97.0 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 39.523 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

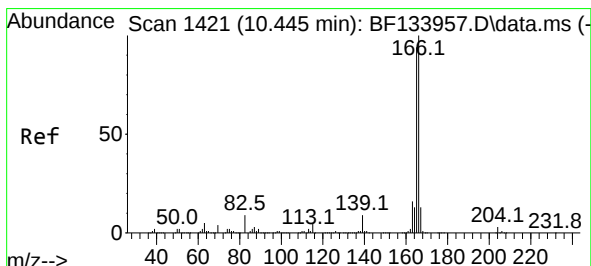
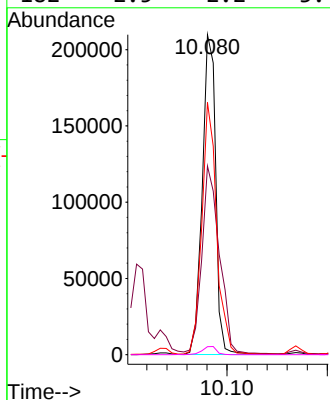
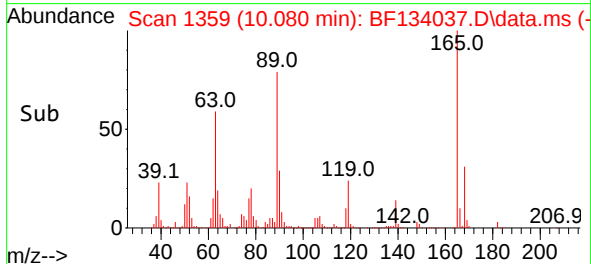
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



Tgt Ion:165 Resp: 19622
Ion Ratio Lower Upper
165 100
63 59.0 42.2 63.2
89 78.8 57.4 86.2
182 2.5 2.2 3.4

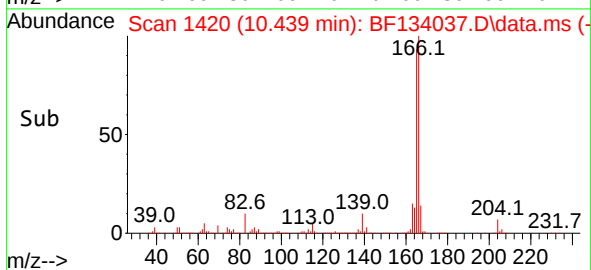
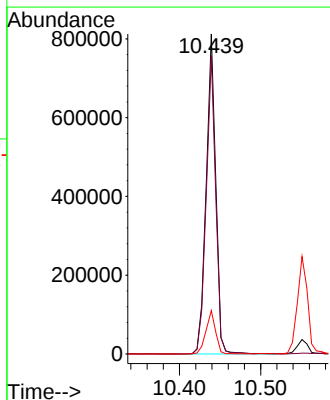
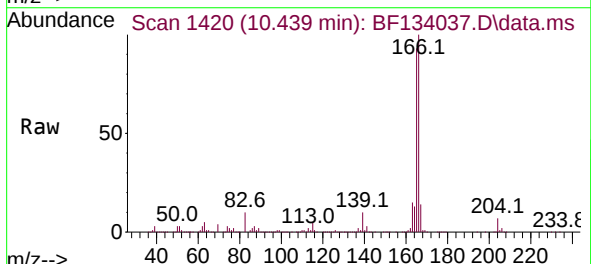
Manual Integrations
APPROVED

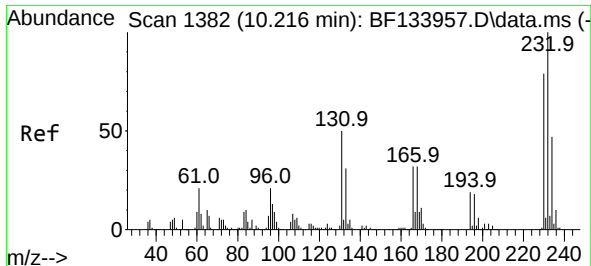
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#58
Fluorene
Concen: 39.084 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

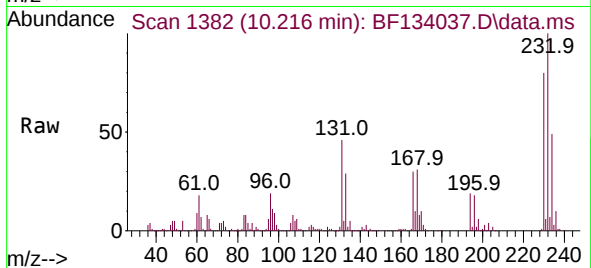
Tgt Ion:166 Resp: 664748
Ion Ratio Lower Upper
166 100
165 93.3 75.0 112.4
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.042 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

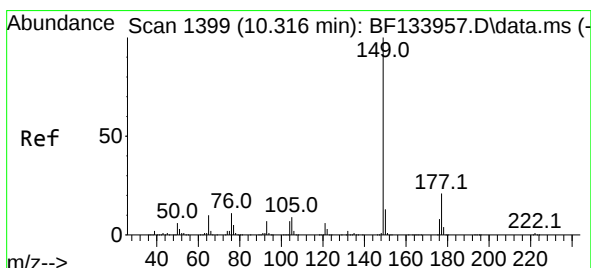
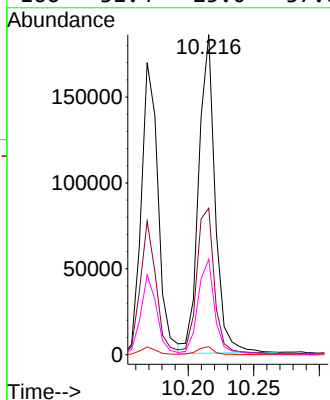
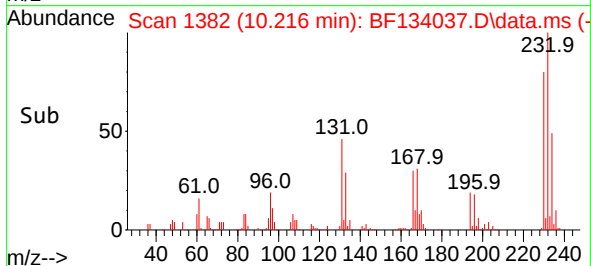
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



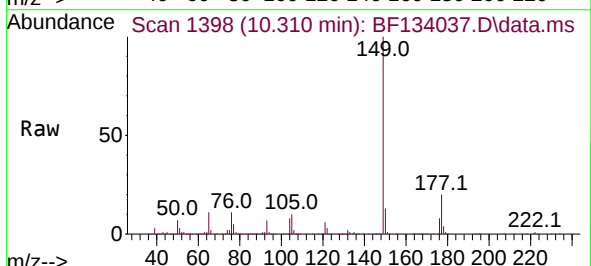
Tgt Ion:232 Resp: 162169
Ion Ratio Lower Upper
232 100
131 50.0 39.3 58.9
130 2.6 1.8 2.6
166 31.4 25.0 37.6

Manual Integrations
APPROVED

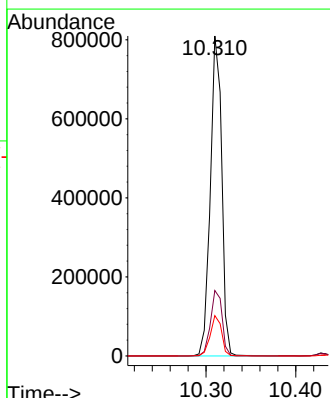
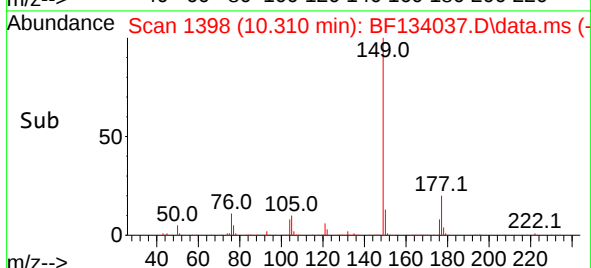
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

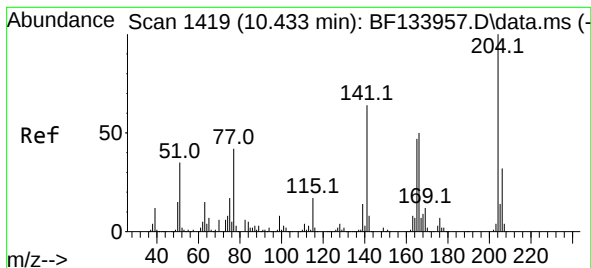


#60
Diethylphthalate
Concen: 39.258 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18



Tgt Ion:149 Resp: 713901
Ion Ratio Lower Upper
149 100
177 20.4 17.0 25.6
150 12.6 10.2 15.2





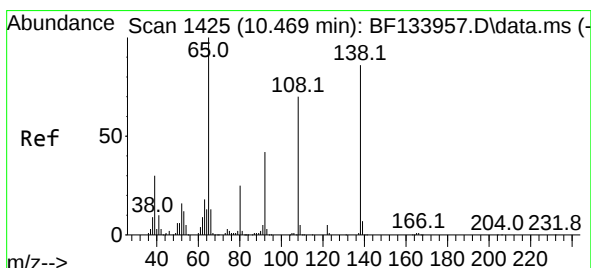
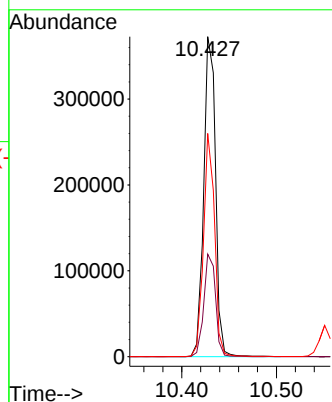
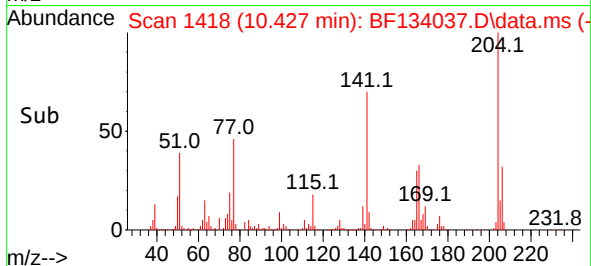
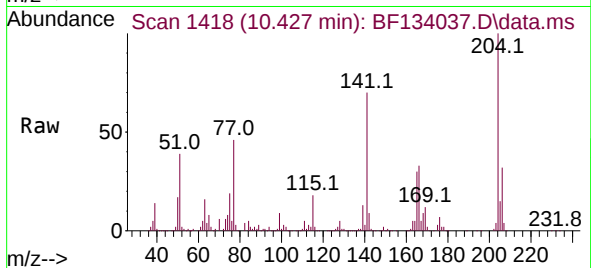
#61
4-Chlorophenyl-phenylether
Concen: 39.517 ng
RT: 10.427 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS

Tgt Ion:204 Resp: 323898
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.6
141 69.8 51.5 77.3

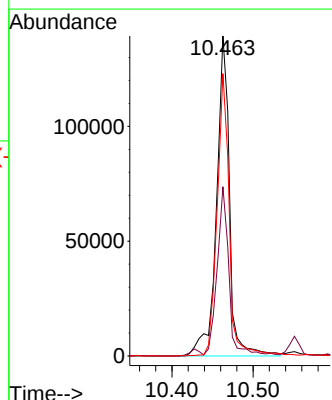
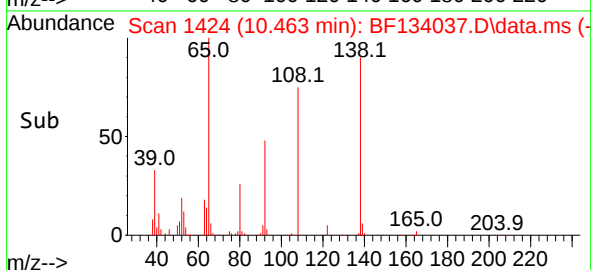
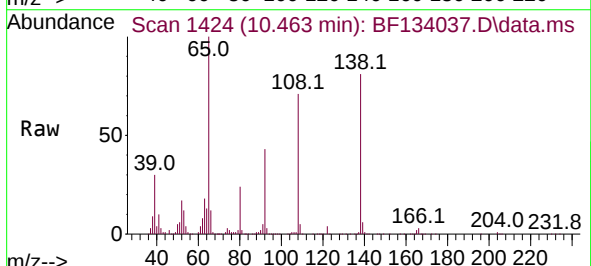
Manual Integrations
APPROVED

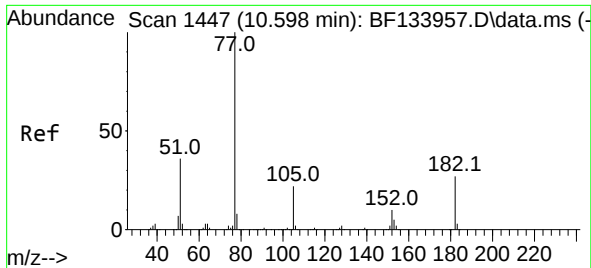
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#62
4-Nitroaniline
Concen: 34.174 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

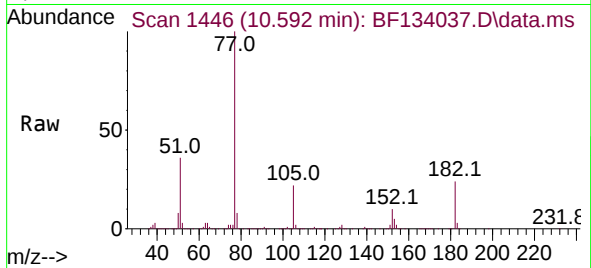
Tgt Ion:138 Resp: 155327
Ion Ratio Lower Upper
138 100
92 52.9 29.7 69.7
108 88.3 62.1 102.1





#63
Azobenzene
Concen: 40.421 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

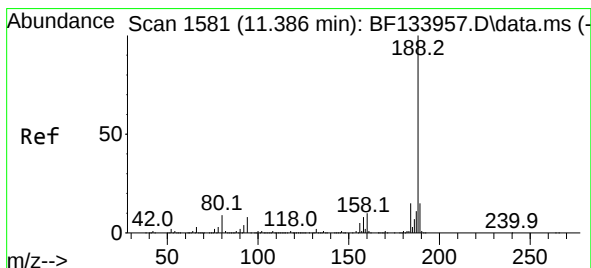
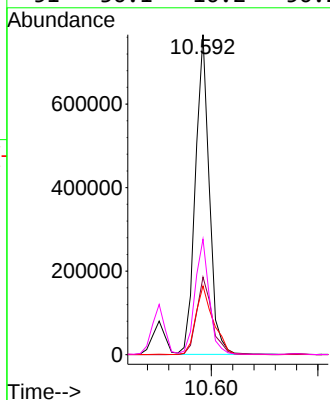
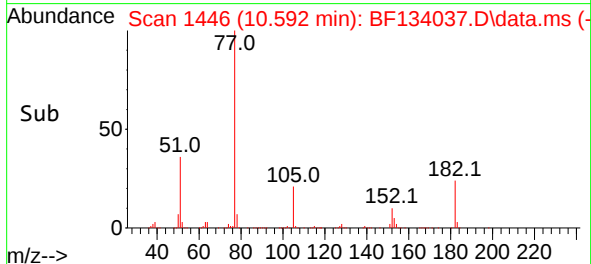
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



Tgt Ion: 77 Resp: 69529
Ion Ratio Lower Upper
77 100
182 24.3 6.8 46.8
105 21.5 2.3 42.3
51 36.1 16.2 56.2

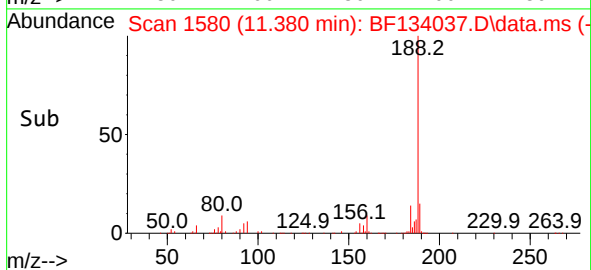
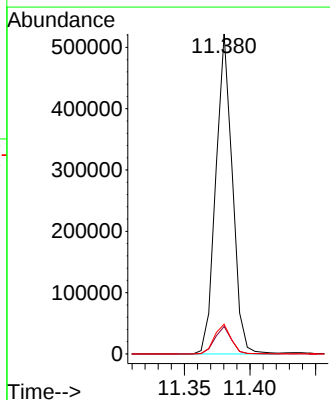
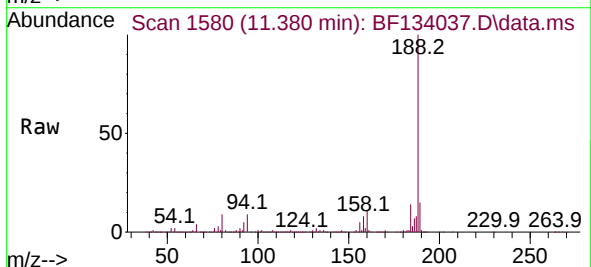
Manual Integrations
APPROVED

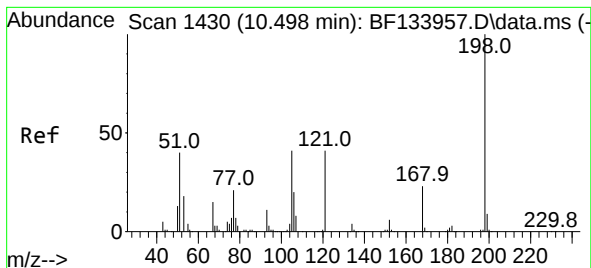
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Tgt Ion:188 Resp: 457822
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.3 7.3 10.9





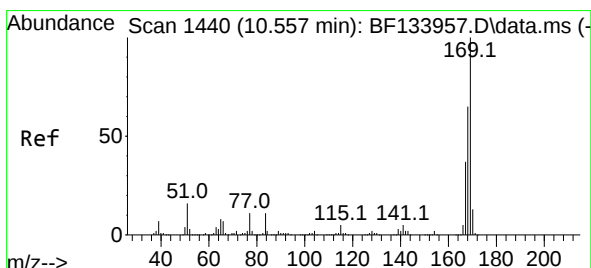
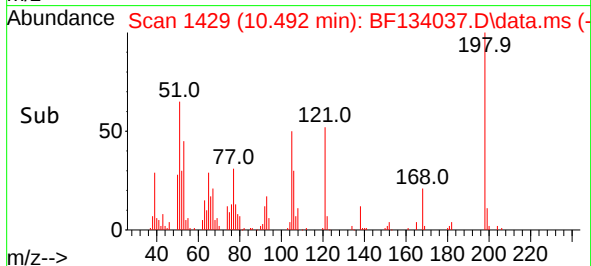
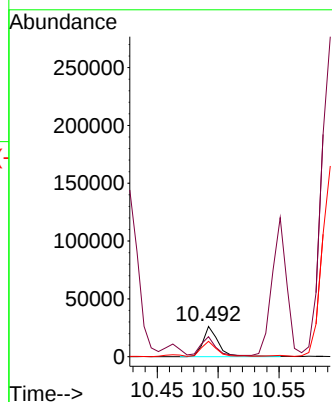
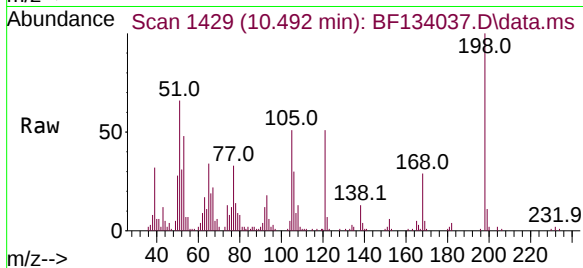
#65
4,6-Dinitro-2-methylphenol
Concen: 9.096 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS

Tgt Ion:198 Resp: 2270
Ion Ratio Lower Upper
198 100
51 66.2 29.3 69.3
105 50.8 22.4 62.4

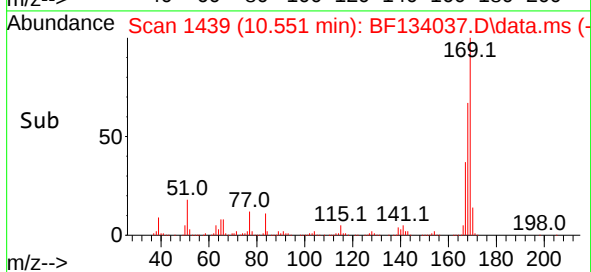
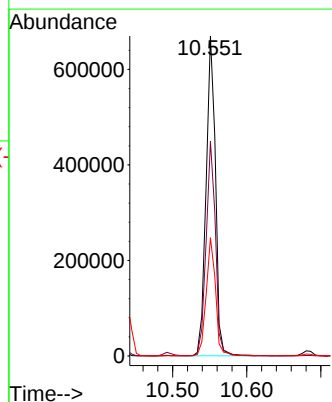
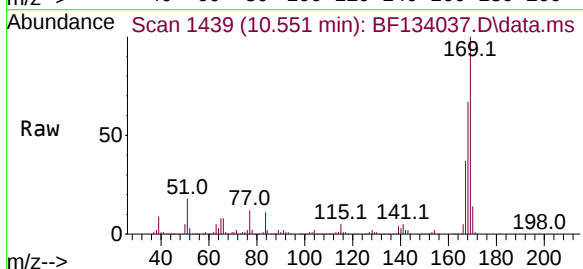
Manual Integrations
APPROVED

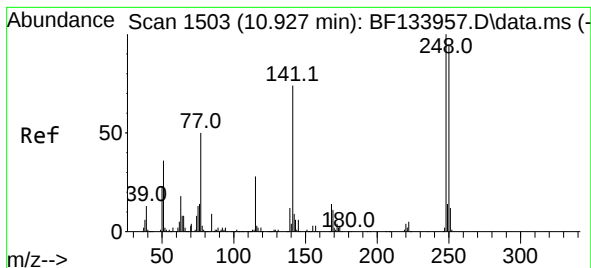
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#66
n-Nitrosodiphenylamine
Concen: 40.433 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Tgt Ion:169 Resp: 591432
Ion Ratio Lower Upper
169 100
168 67.1 52.3 78.5
167 36.9 29.4 44.0





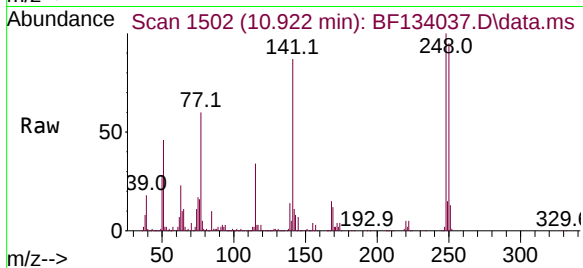
#67
4-Bromophenyl-phenylether
Concen: 41.491 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS

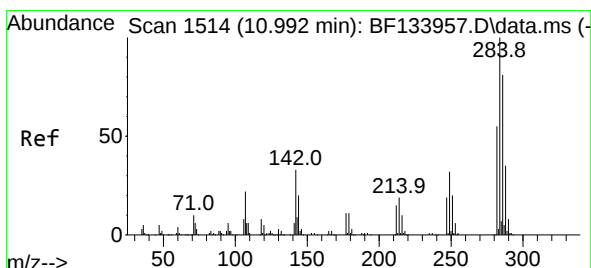
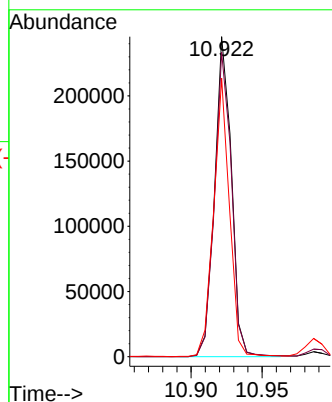
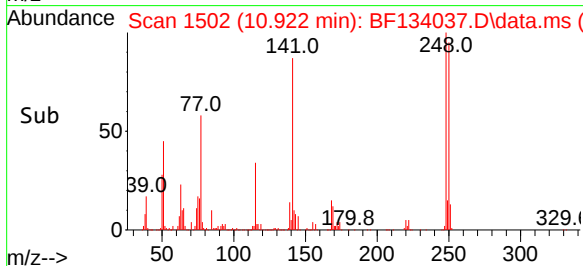


Tgt Ion:248 Resp: 201900
Ion Ratio Lower Upper
248 100
250 95.1 76.2 114.4
141 87.0 59.0 88.4

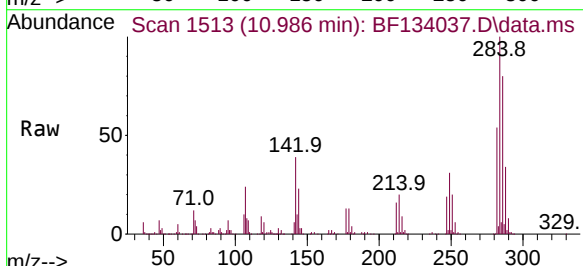
Manual Integrations

APPROVED

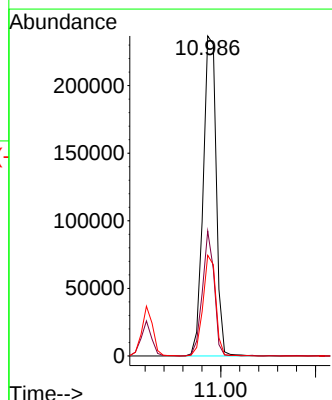
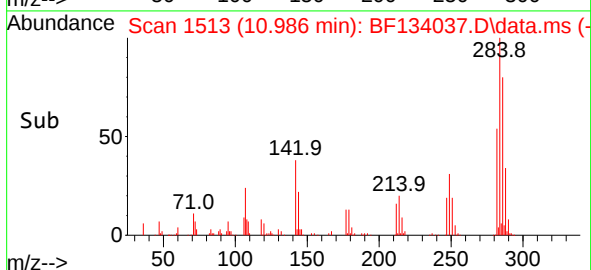
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

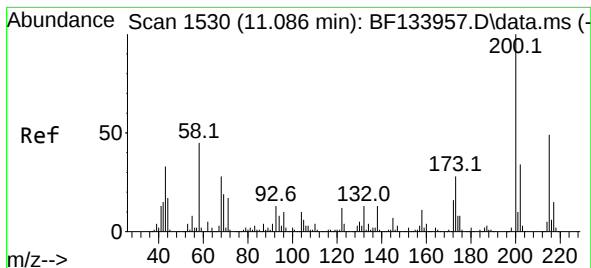


#68
Hexachlorobenzene
Concen: 43.863 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18



Tgt Ion:284 Resp: 226626
Ion Ratio Lower Upper
284 100
142 39.1 26.6 40.0
249 31.4 25.5 38.3





#69

Atrazine

Concen: 46.743 ng

RT: 11.080 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS

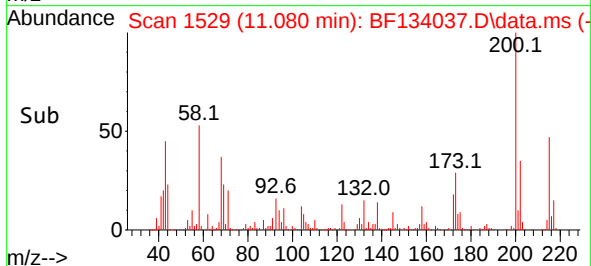
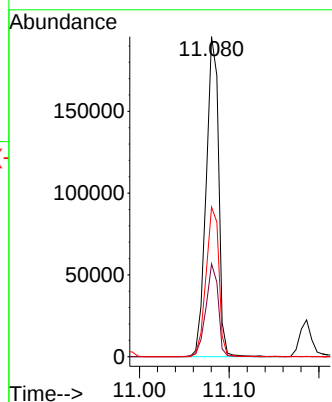
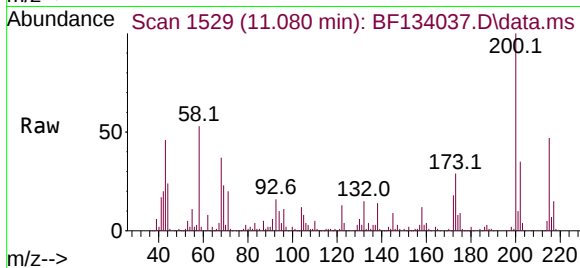
Tgt Ion:200 Resp: 18912
 Ion Ratio Lower Upper
 200 100
 173 29.0 8.0 48.0
 215 46.8 29.3 69.3

Manual Integrations

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Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#70

Pentachlorophenol

Concen: 37.620 ng

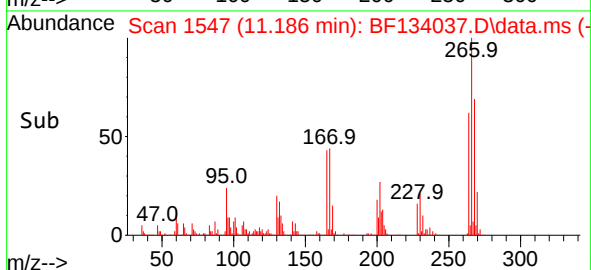
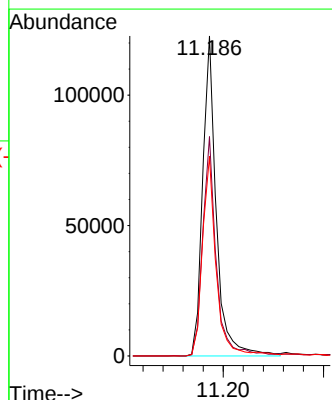
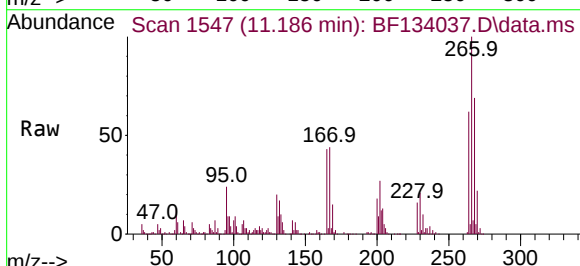
RT: 11.186 min Scan# 1547

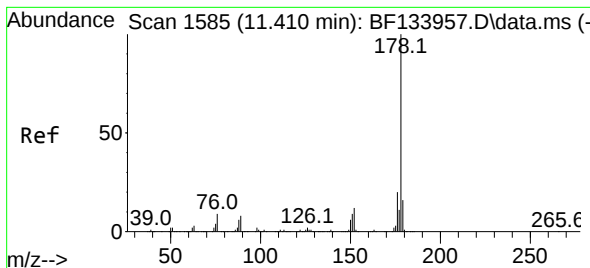
Delta R.T. 0.000 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

Tgt Ion:266 Resp: 116218
 Ion Ratio Lower Upper
 266 100
 268 68.5 52.6 79.0
 264 62.4 50.6 76.0





#71

Phenanthrene

Concen: 40.983 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS

Tgt Ion:178 Resp: 944564

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

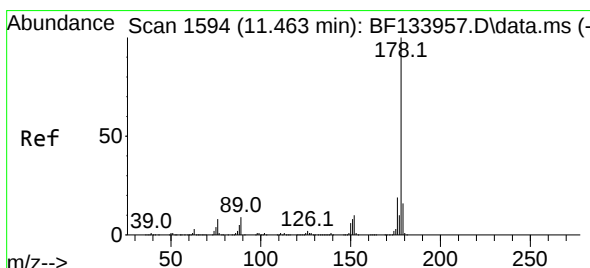
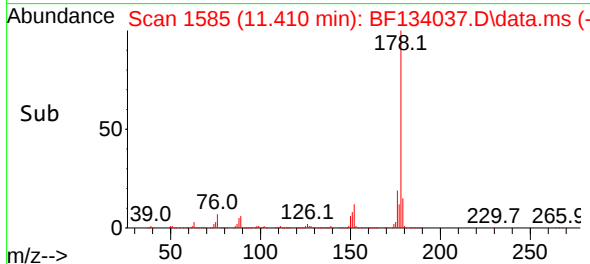
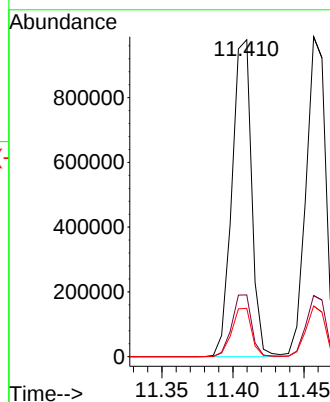
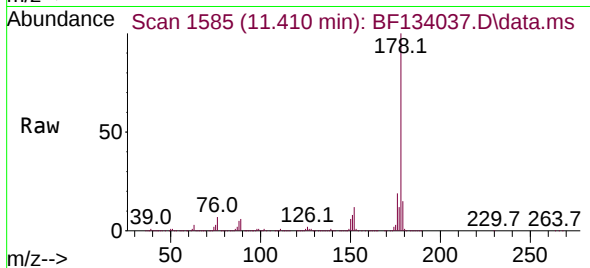
179 15.2 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#72

Anthracene

Concen: 40.306 ng

RT: 11.457 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

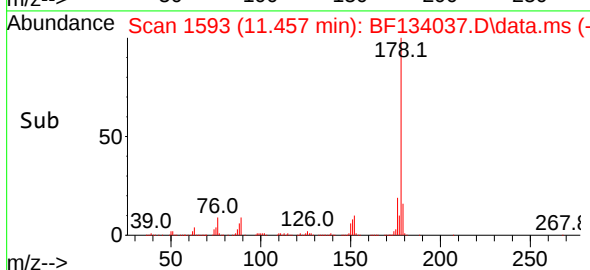
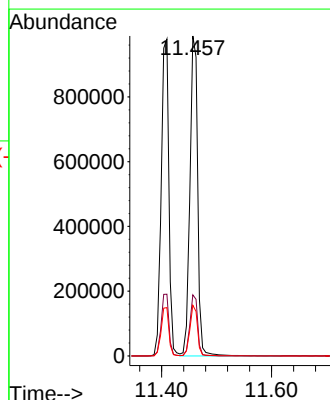
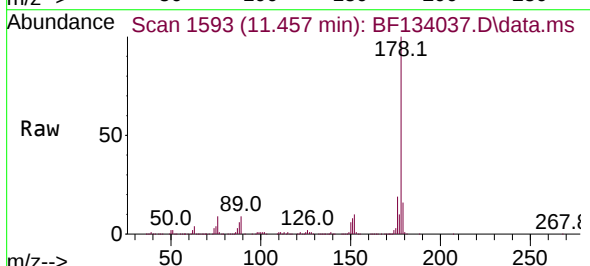
Tgt Ion:178 Resp: 966213

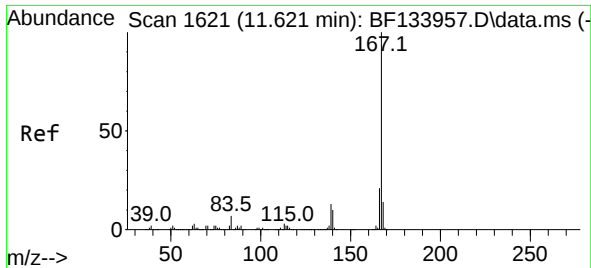
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

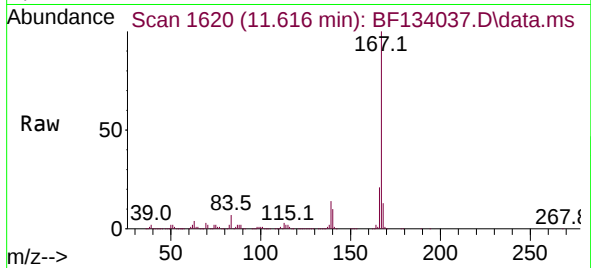
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 40.451 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF134037.D
 Acq: 29 Jun 2023 15:18

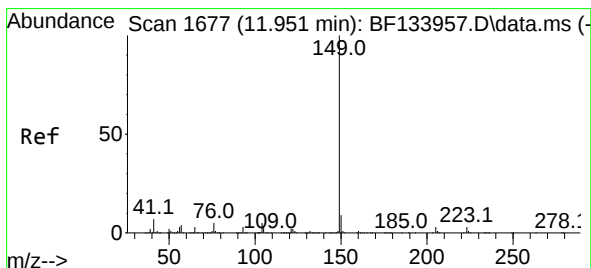
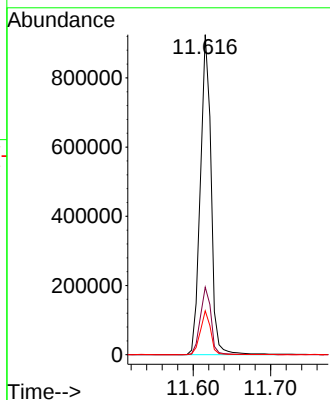
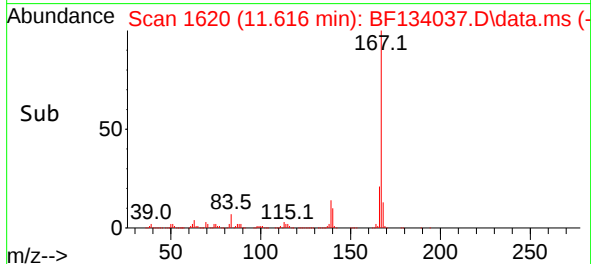
Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAN-01MS



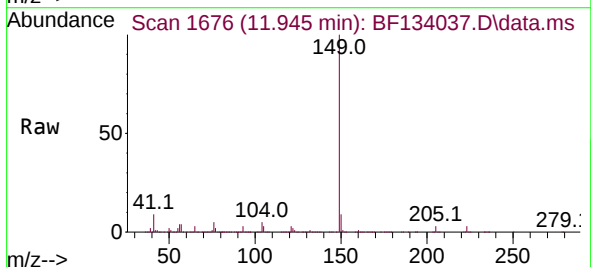
Tgt Ion:167 Resp: 887570
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 13.7 10.4 15.6

Manual Integrations
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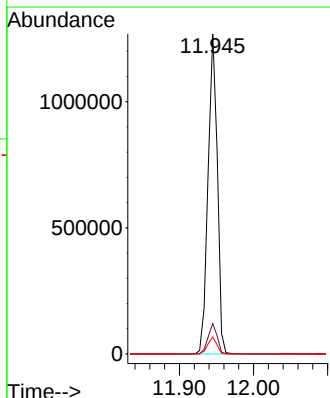
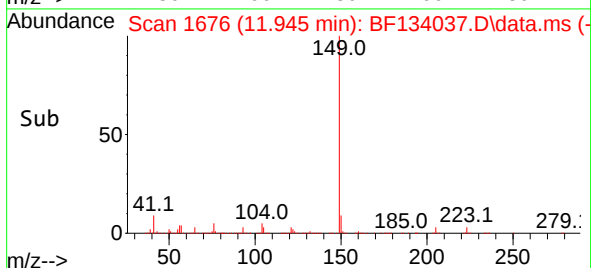
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

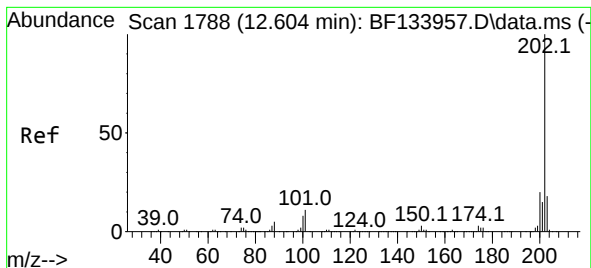


#74
 Di-n-butylphthalate
 Concen: 42.367 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF134037.D
 Acq: 29 Jun 2023 15:18



Tgt Ion:149 Resp: 1105469
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.1 10.7
 104 5.3 4.0 6.0





#75

Fluoranthene

Concen: 38.630 ng

RT: 12.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134037.D

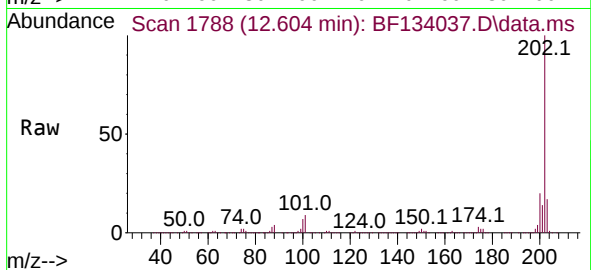
Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS



Tgt Ion:202 Resp: 962529

Ion Ratio Lower Upper

202 100

101 9.2 0.0 31.0

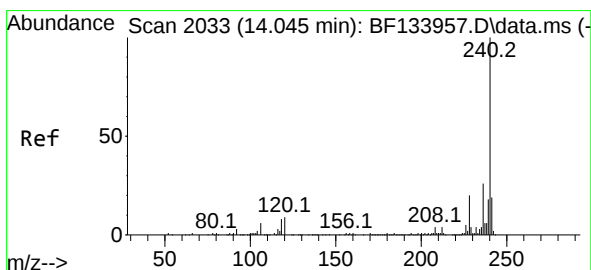
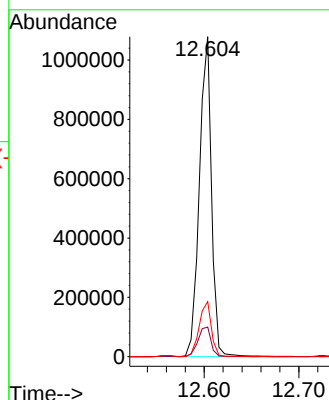
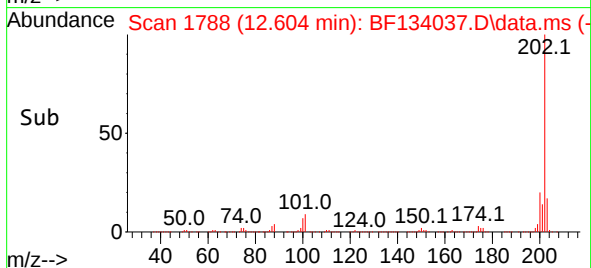
203 17.2 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

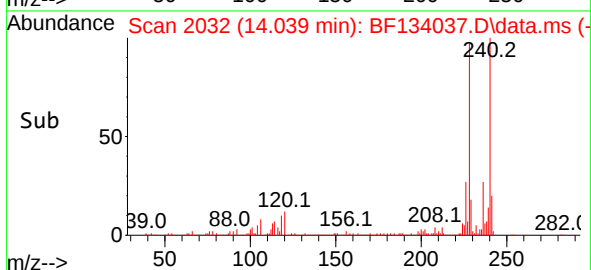
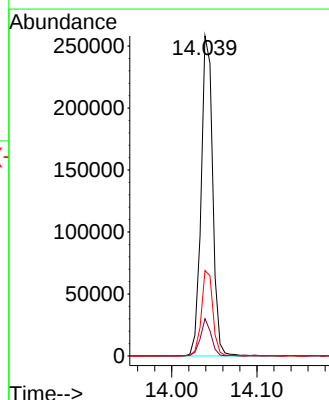
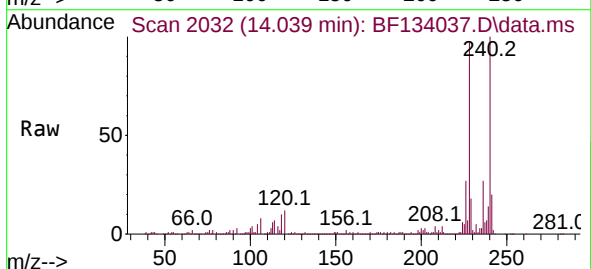
Tgt Ion:240 Resp: 243916

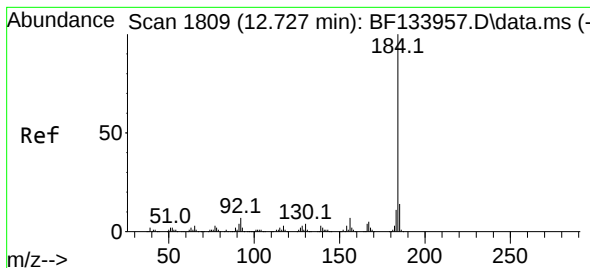
Ion Ratio Lower Upper

240 100

120 11.7 7.4 11.0#

236 26.7 21.0 31.6





#77

Benzidine

Concen: 68.884 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS

Tgt Ion:184 Resp: 399790

Ion Ratio Lower Upper

184 100

185 13.7 11.6 17.4

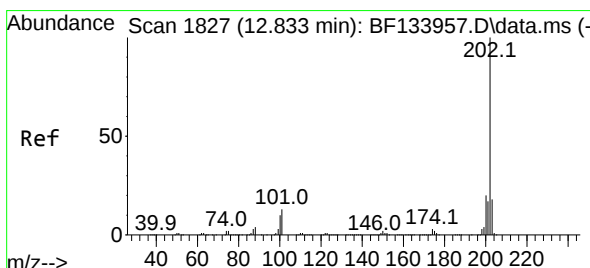
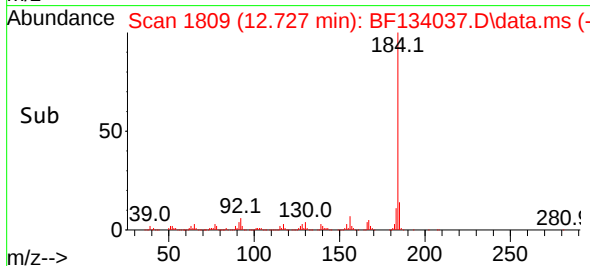
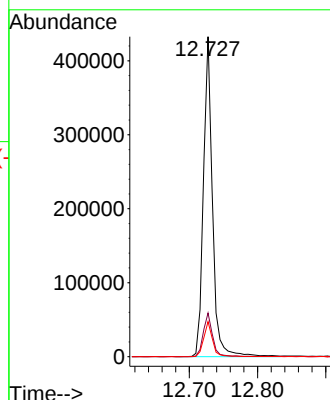
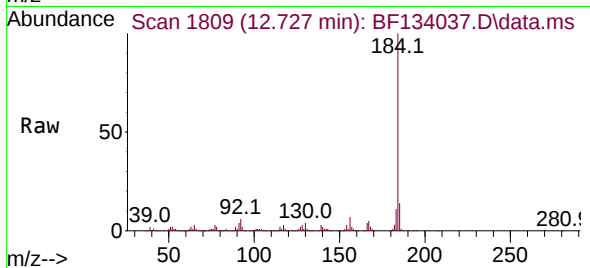
183 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#78

Pyrene

Concen: 42.203 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

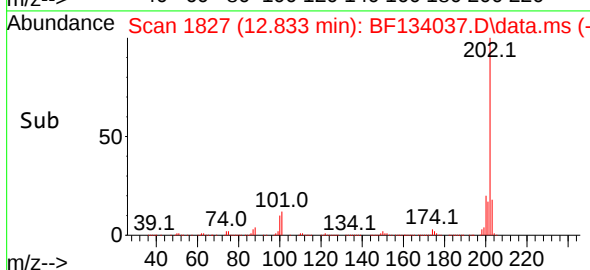
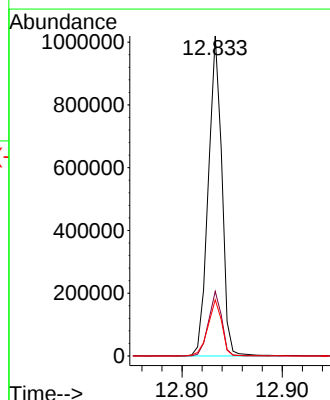
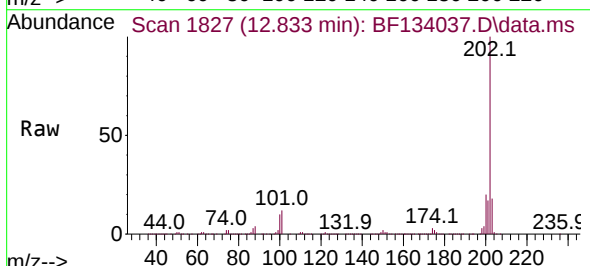
Tgt Ion:202 Resp: 957998

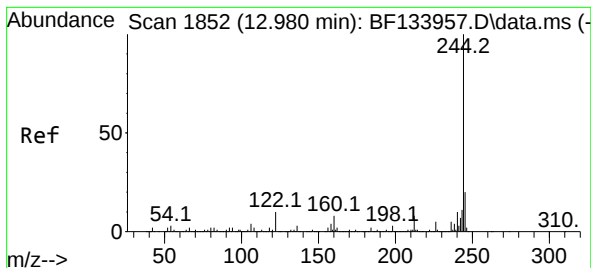
Ion Ratio Lower Upper

202 100

200 20.2 16.1 24.1

203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 93.813 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS

Tgt Ion:244 Resp: 142179

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

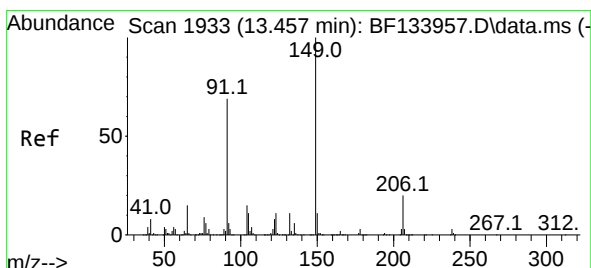
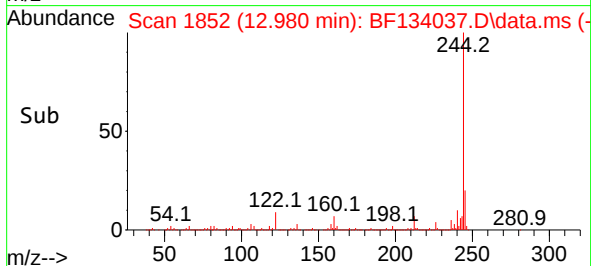
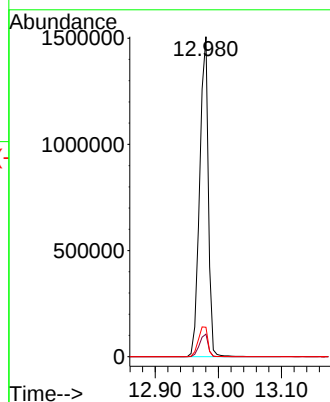
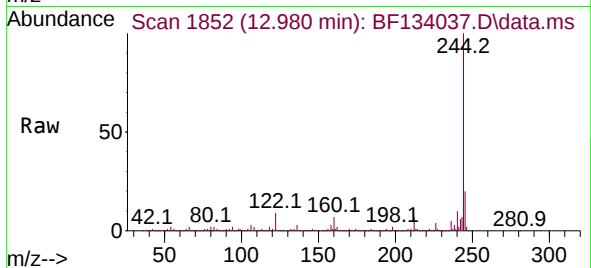
122 9.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#80

Butylbenzylphthalate

Concen: 44.489 ng

RT: 13.457 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

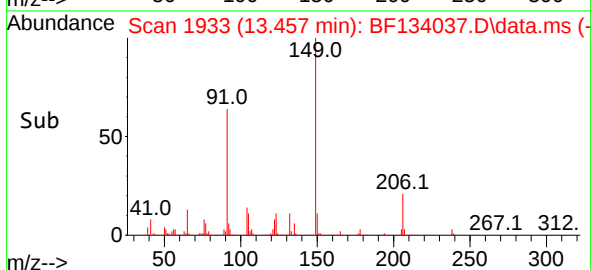
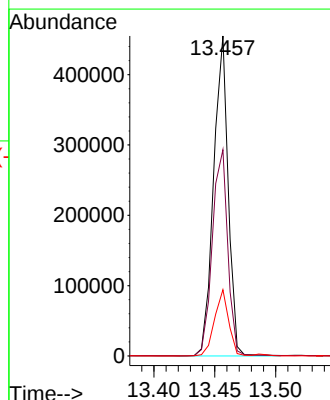
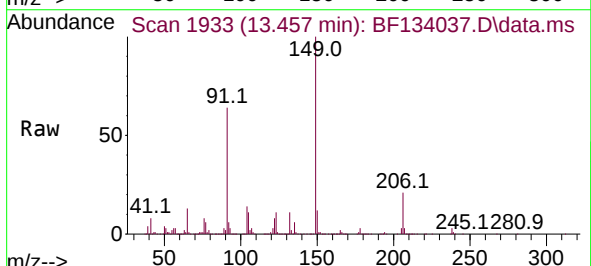
Tgt Ion:149 Resp: 378754

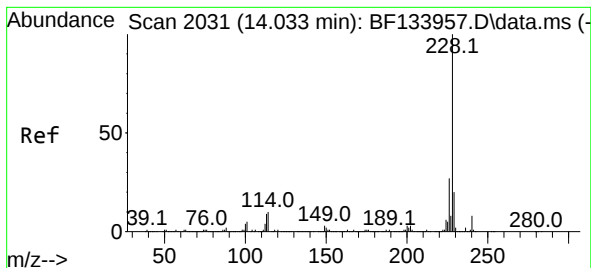
Ion Ratio Lower Upper

149 100

91 64.4 55.1 82.7

206 20.7 15.7 23.5





#81

Benzo(a)anthracene

Concen: 40.893 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS

Tgt Ion:228 Resp: 69175

Ion Ratio Lower Upper

228 100

226 27.9 22.0 33.0

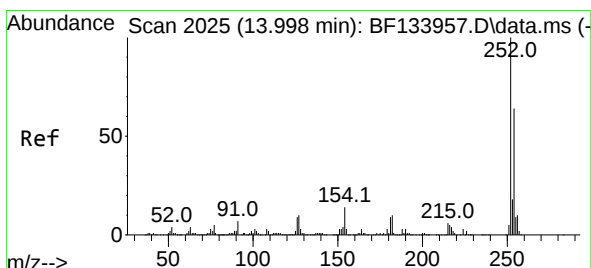
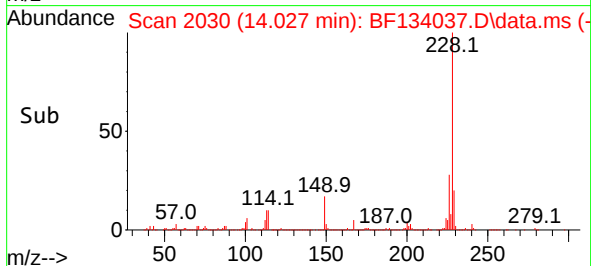
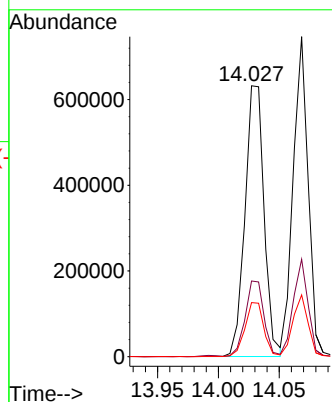
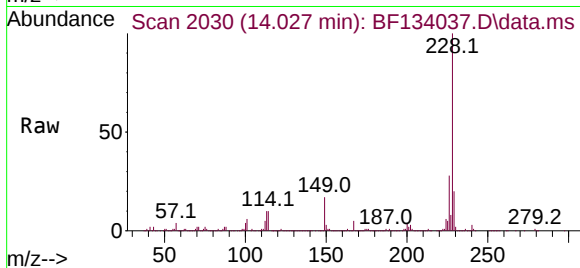
229 20.0 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#82

3,3'-Dichlorobenzidine

Concen: 27.995 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

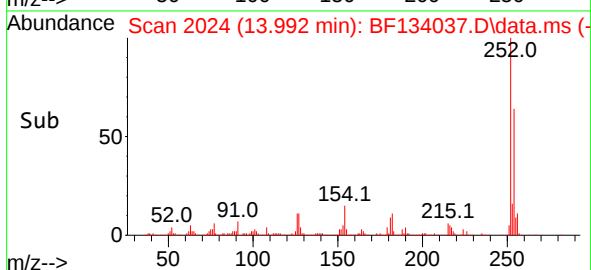
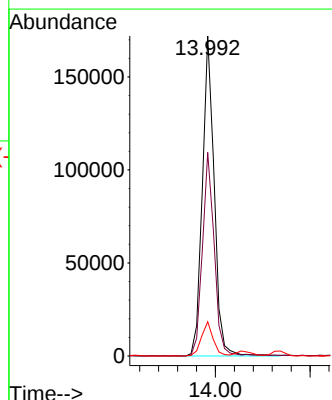
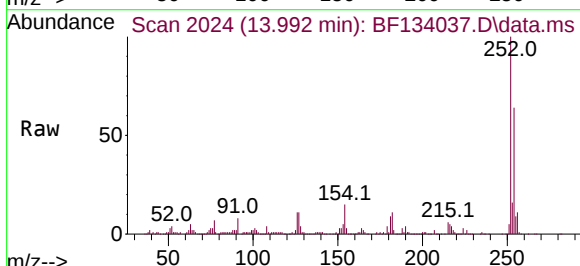
Tgt Ion:252 Resp: 150035

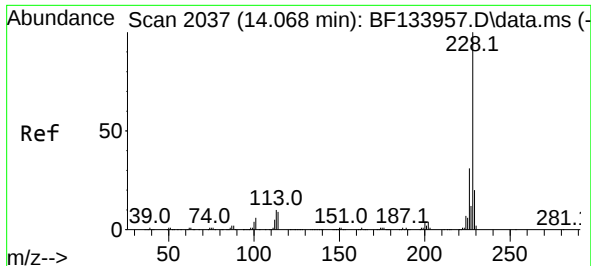
Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.0

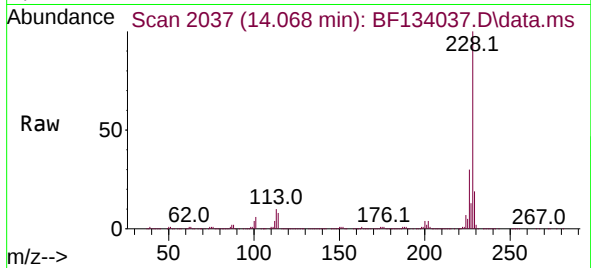
126 10.7 7.4 11.2





#83
Chrysene
Concen: 39.318 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

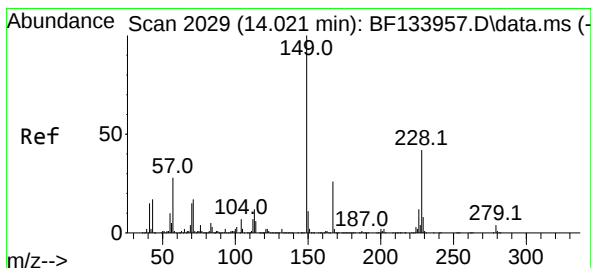
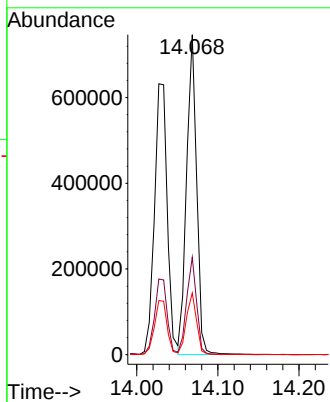
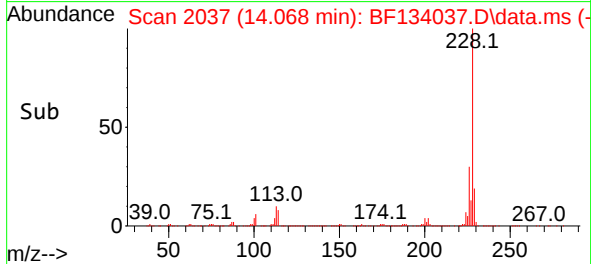
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



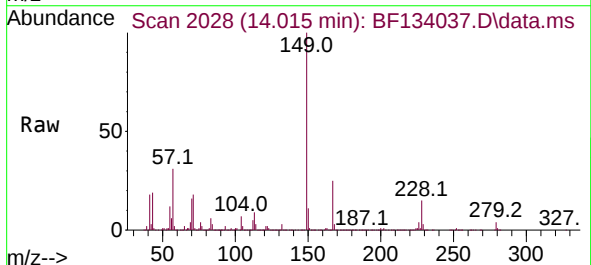
Tgt Ion:228 Resp: 644198
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 19.3 16.1 24.1

Manual Integrations
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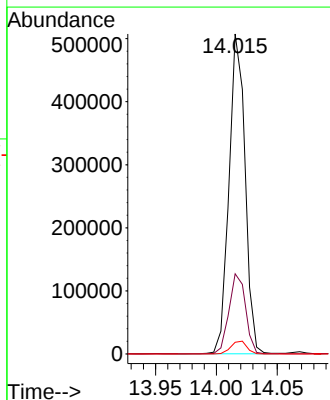
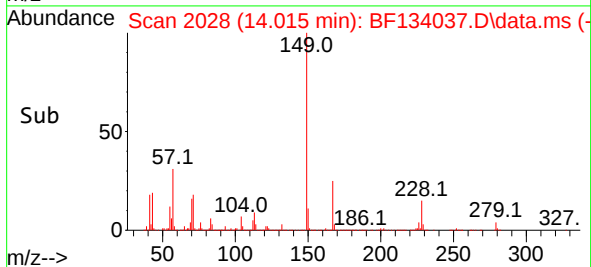
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

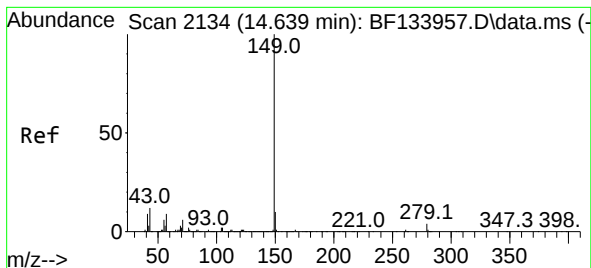


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.493 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18



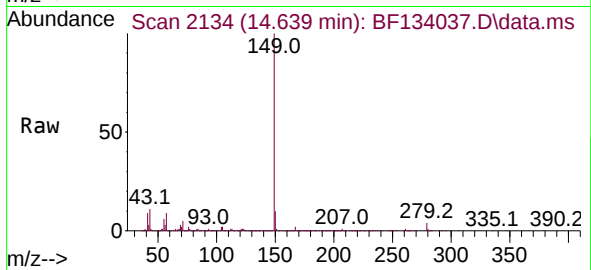
Tgt Ion:149 Resp: 464599
Ion Ratio Lower Upper
149 100
167 25.1 21.0 31.4
279 3.7 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 51.811 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

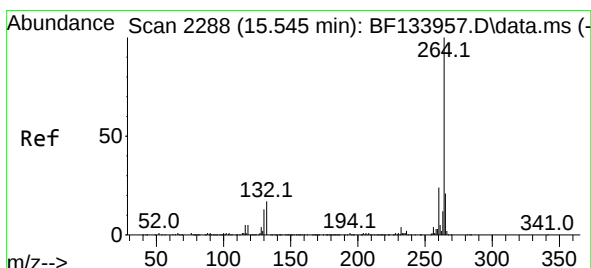
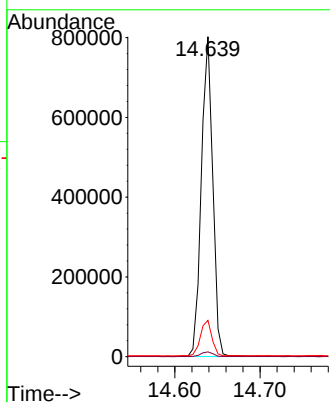
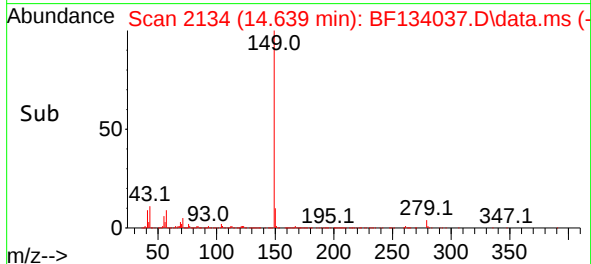
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



Tgt Ion:149 Resp: 744720
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.2 9.0 13.4

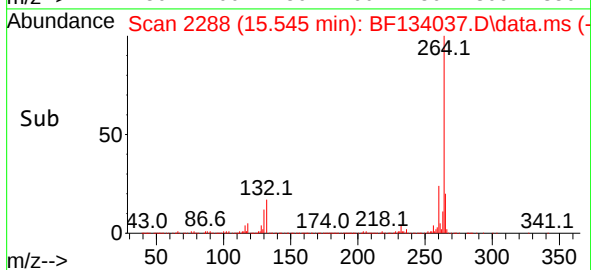
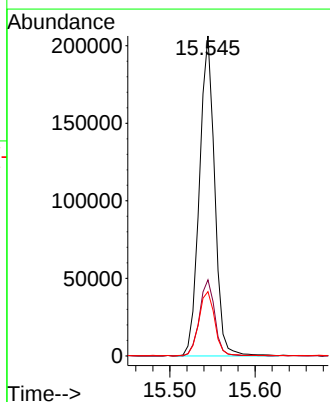
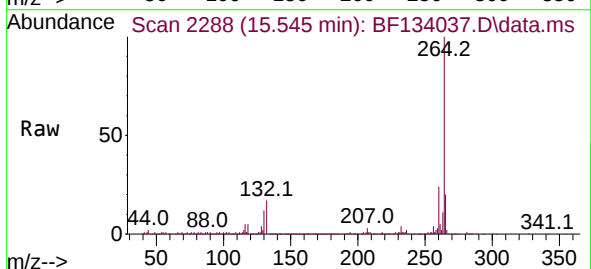
Manual Integrations
APPROVED

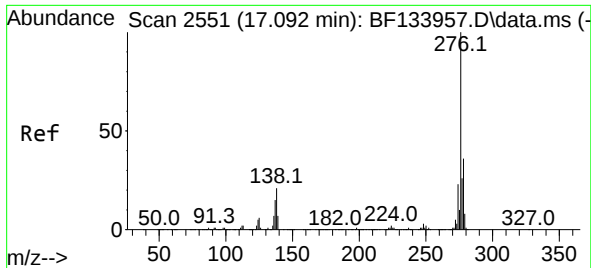
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Tgt Ion:264 Resp: 256635
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 20.1 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.883 ng
RT: 17.092 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

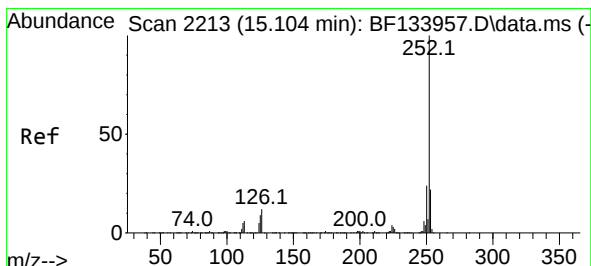
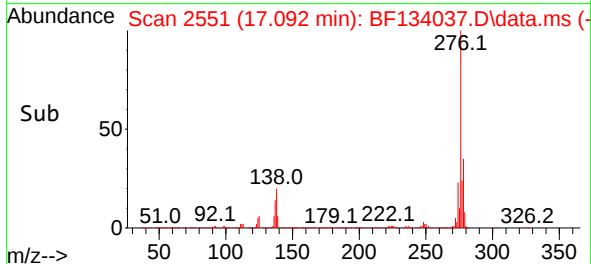
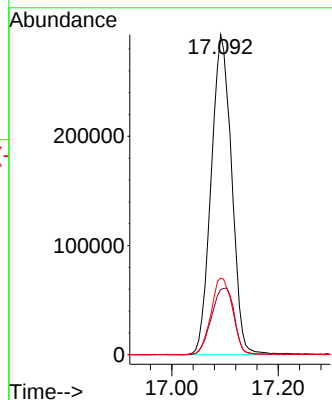
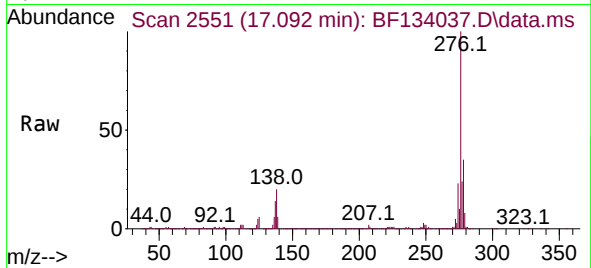
WC-SCAN-01MS

Tgt Ion:276 Resp: 781458
Ion Ratio Lower Upper
276 100
138 23.3 18.7 28.1
277 25.2 19.9 29.9

Manual Integrations

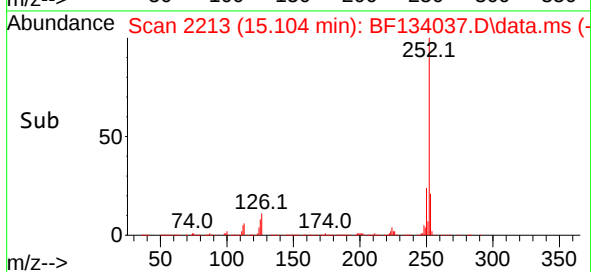
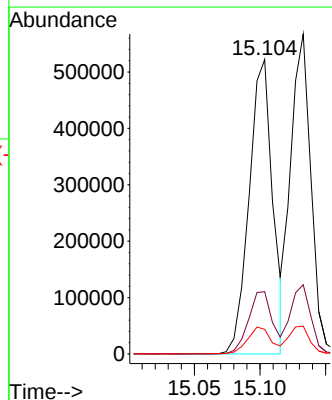
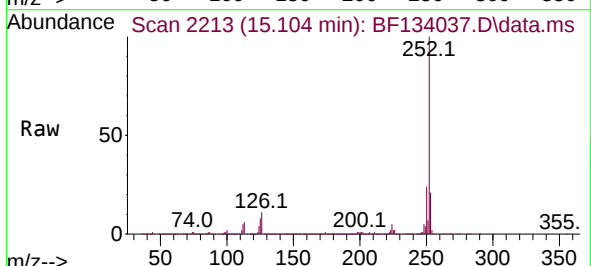
APPROVED

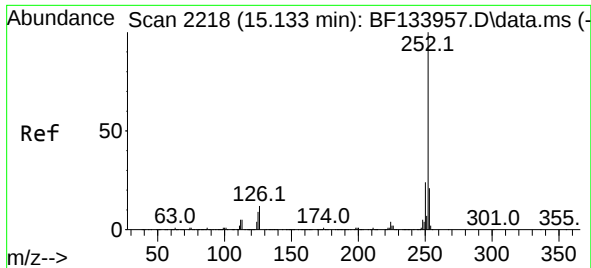
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#88
Benzo(b)fluoranthene
Concen: 43.183 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

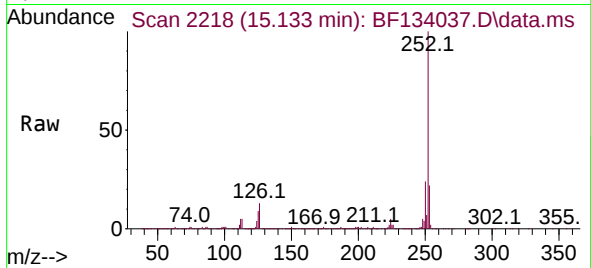
Tgt Ion:252 Resp: 651650
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 8.4 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 39.970 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

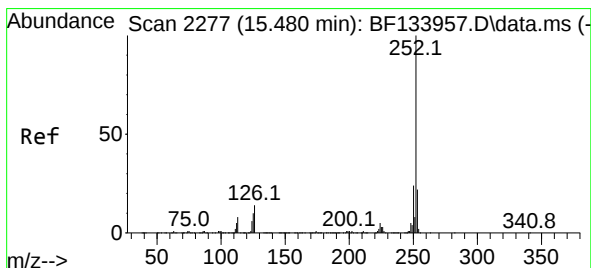
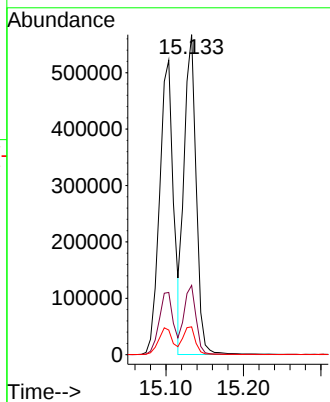
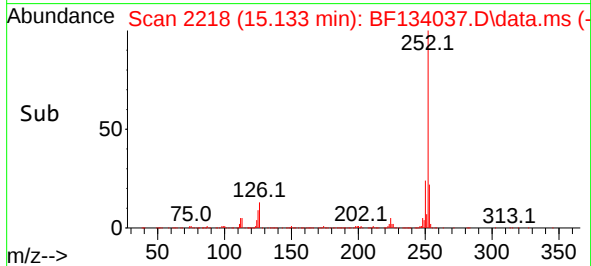
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01MS



Tgt Ion:252 Resp: 614118
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 8.7 7.4 11.2

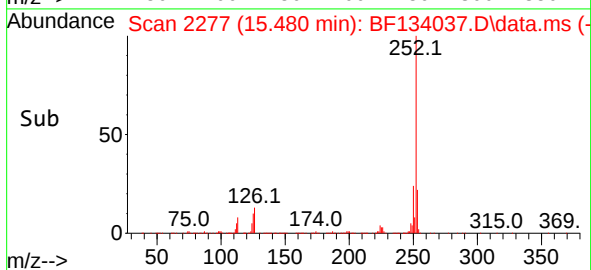
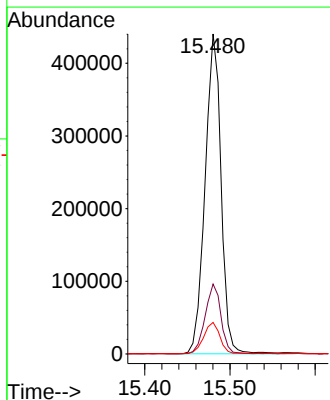
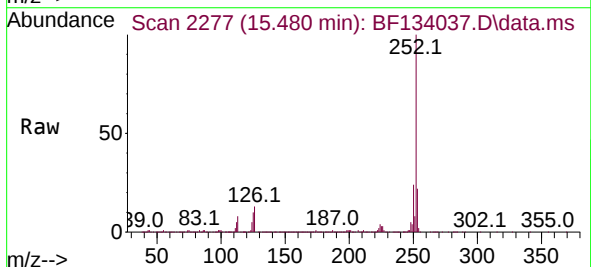
Manual Integrations
APPROVED

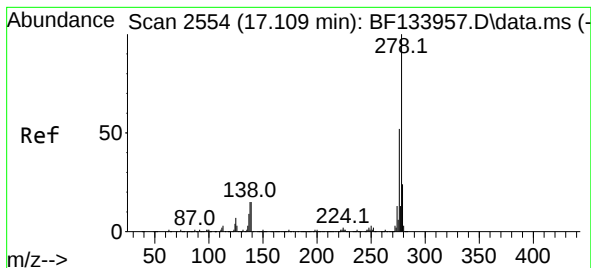
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#90
Benzo(a)pyrene
Concen: 39.233 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF134037.D
Acq: 29 Jun 2023 15:18

Tgt Ion:252 Resp: 572497
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.8 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 43.853 ng

RT: 17.109 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01MS

Tgt Ion:278 Resp: 63785

Ion Ratio Lower Upper

278 100

139 15.2 12.2 18.4

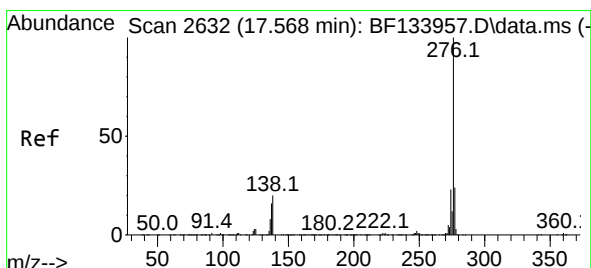
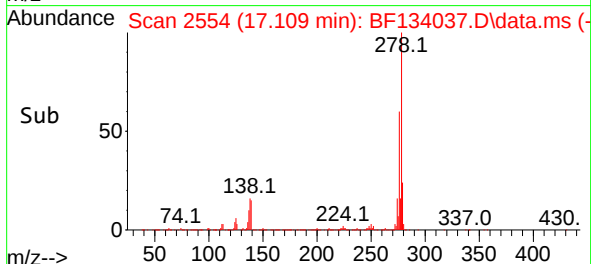
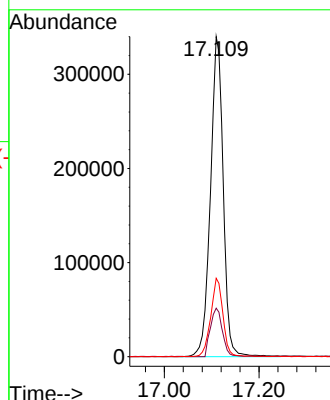
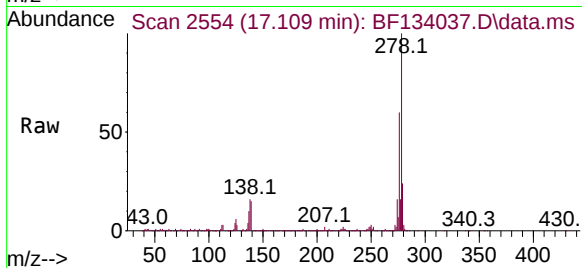
279 24.5 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#92

Benzo(g,h,i)perylene

Concen: 41.328 ng

RT: 17.562 min Scan# 2631

Delta R.T. -0.006 min

Lab File: BF134037.D

Acq: 29 Jun 2023 15:18

Tgt Ion:276 Resp: 619903

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.6

138 20.1 16.2 24.2

